# **EXHIBIT A**

	Page !
1	IN THE UNITED STATES DISTRICT COURT
	FOR THE DISTRICT OF DELAWARE
2	<del>-</del>
3	
	IN RE ADAMS GOLF, INC. : CONSOLIDATED
4	:
	SECURITIES LITIGATION : C.A. No. 99-371 KAJ
5	
6	
	Friday, August 11, 2006
7	
8	
9	Oral deposition of R. ALAN MILLER, taken
10	pursuant to notice, was held at the offices of AKIN,
11	GUMP, STRAUSS, HAUER AND FELD, LLP, 590 Madison
12	Avenue, 18th Floor, New York, New York 10022-2524
13	commencing at 8:50 a.m. on the above date, before Beth
14	A. Barkocy, Certified Shorthand Reporter and Notary
15	Public.
16	
17	
18	
19	
20	
21	
22	
23	RSA/VERITEXT COURT REPORTING COMPANY
	1845 Walnut Street, 15th Floor
24	Philadelphia, PA 19103
	(215) 241-1000 (888) 777-6690
25	

Case 1.99-CV-0037 1-GIVIS	Document 33	0-2 Filed 10/13/2000 Page 3 01 23
	Page 2	Page 4
1 APPEARANCES: 2 LAW OFFICES OF DONALD B. LEWIS BY: DONALD B. LEWIS, ESQUIRE 3 Five Cynwyd Road Bala Cynwyd, Pennsylvania 19004 4 (610)668-0331 Morrislewislaw@aol.com 5 Representing the Plaintiffs 6 BERGER AND MONTAGUE, PC 7 BY: TODD S. COLLINS, ESQUIRE 1622 Locust Street 8 Philadelphia, Pennsylvania 19103-6365 (215)875-3040 9 Tcollins@bm.net Representing the Plaintiffs 10 11 SIMPSON, THACHER, AND BARTLETT, LLP BY: PAUL C. GLUCKOW, ESQUIRE and 12 RYAN ANTHONY KANE, ESQUIRE 425 Lexington Avenue 13 New York, New York 10017 (212)455-2831 14 Pgluckow@stblaw.com Representing the Underwriter Defendants 15 16 AKIN, GUMP, STRAUSS, HAUER, AND FELD, LLP BY: PAUL R. BESSETTE, ESQUIRE 300 West Sixth Street Suite 2100 18 Austin, Texas 78701-3911 (512)499-6200 19 Pbessette@akingump.com Representing the Nonunderwriter Defendants 20 21 ALSO PRESENT: 22 Amir Rozen Cornerstone Research 23	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	Direction to Witness Not to Answer Page Line Page Line (NONE)  Request for Production of Documents Page Line Page Line (NONE)  Stipulations Page Line Page Line 5 12  Questions Marked Page Line Page Line (NONE)
1 INDEX	Page 3  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	(Deposition commences with Mr. Collins not yet present.)  MR. BESSETTE: Let's mark these, please.  (Exhibits-334 through 340 were marked for identification.)  R. ALAN MILLER, having been first duly sworn, was examined and testified as follows:  EXAMINATION  MR. BESSETTE: Read and sign for the witness.  MR. LEWIS: I'd like to make a very brief statement, and that is that we agreed to this sequencing of the depositions in response to a request by the defendants that depositions either take place in a different order or take place simultaneously. It's our view that in this case, because of the legal allocation of the burden of proof, that certain burdens are on Mr. James rather than

Page 6

reserve our right to -- for Mr. Miller to respond to new information that may come to his attention or to revise his opinion in accordance with testimony that Mr. James may or may not give. We obviously don't want to do it any more than necessary, but we're not operating with the same information that we would at trial.

MR. BESSETTE: That's fine. It's the same for us. In our view, plaintiffs have the burden on materiality and damages and we're having the depositions of Mr. Miller and Mr. James simultaneously, and I'm sure Mr. James reserves the same right. We'll proceed on that basis.

BY MR. BESSETTE:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

22

O. Good morning, sir. My name is Paul Bessette; I represent the Adams Golf defendants. Would you please state your name and spell your last name for the record?

> R. Alan Miller, M-i-l-l-e-r. Α.

O. I know you've been deposed before; I've read a lot of the transcripts. We can dispense with a lot of the formalities unless you'd like me to walk through them. Obviously, if you need a break,

believe, at least two economics courses and, I 1

> believe, one or two finance or finance-oriented 2

3 courses in undergrad. I believe the economics were

Page 8

Page 9

4 basic micro and macro, or at least as they were

5 referred to at the time, and the finance course was in

6 the nature of business organization and finance in a.

7 what I now consider to be, sort of a generality or

8 general finance curriculum context. In graduate

9 school ---

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

2

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Let me stop you there.

How many courses, in total, do you recall that are finance-oriented in undergraduate?

I think finance as opposed to economics was one or two undergrad that I can recall. Does not include accounting courses, does not include economics courses.

In graduate school, there were -there was a basic corporate finance course, a course in what was called speculative markets, I believe one or two other finance courses, and quite a number of financial accounting courses.

How many at the graduate level, Q. would you say, both economics and finance, how many courses?

> A. Economics at the graduate level was,

Page 7

let me know. If my questions aren't clear, let me know. We'll proceed that way. Okay?

> Α. That's fine.

Having read your CV and your prior depositions, I'm going to go quickly through your background. I just want to clarify a few things.

You do not have a degree in finance; is that right?

That's correct. My undergraduate degree is in economics; my major in graduate school was in financial accounting.

The only finance courses you've taken, I believe you've testified in prior cases, is in connection with PLI and other sort of providers of that nature; do I understand that correctly?

MR. LEWIS: Objection to foundation.

THE WITNESS: No, that's not correct. I had finance courses in both undergraduate and graduate curriculum at college, grad school.

BY MR. BESSETTE: 21

Let's start with the undergraduate.

23 Can you tell me the finance courses you recall taking? 24 I'm trying to see if I can recall

25 the titles or the major content. There were, I

I think, two; finance was two I can recall 1

specifically and I think there may have been one or

3 two more. Then there were financial accounting 4 courses on top of that and other -- and what they call

5 managerial accounting courses as well. 6

Q. Do you hold any professional designations in the finance field?

I don't believe so. I think I'm probably a member of the American Finance Association. but that doesn't mean anything.

Any professional designations in the Q. economic field?

No. Again, probably something A. similar. You get those things when you subscribe to the journals. I subscribe to quite a number of finance and economics journals, so I probably have something by that, but that's all it is.

Memberships in organizations is what Q. you're talking about?

Yeah. I've seen some people put A. them on their resumes as something.

> Do you have a degree in statistics? Q.

I do not. I've had statistics and operations research courses, both undergrad and

graduate school, but I do not have a degree or a major

	Page 10		Page 12
1	in that field.	1	clients who were investigating that option at
2	Q. How many courses, in total, involved	2	the time.
3	statistics, either undergrad or graduate?	3	What I don't recall specifically,
4	A. At least four, I believe. There was	4	whether any more of those resulted in working
5	one statistics and one operations research undergrad	5	on deals that were or would have been filed
6	that I can recall, and I believe one of each in	6	under the '33 Act, but there are two I can
7	graduate school that I can recall. Operations	7	recall specifically that were like that.
8	research is, in my view, primarily statistics in	8	BY MR. BESSETTE:
9	content.	9	Q. Moving to Butcher and Singer, where
10	<ul> <li>Q. Any other statistics classes that</li> </ul>	10	you were from 1976 to 1980 again, I've told you
11	you can recall?	11	I've read other testimony, I'm just trying to boil
12	A. No.	12	things down so we can get to the substance of this
13	<ul> <li>Q. Let me hand you what has been marked</li> </ul>	13	case.
14	as Exhibits-334 and 335 (indicating). I trust you	14	A. Right.
15	will recognize those as your report and then your	15	Q. Tell me if this squares with your
16	rebuttal report, respectively; is that correct?	16	recollection, that you recall working on six to ten
17	A. That's what they appear to be, yes;	17	public offerings while at Butcher and Singer but can
18	yes.	18	only specifically remember three.
19	Q. I want to talk a couple of minutes	19	MR. LEWIS: Objection to form and
20	about your background. In Exhibit-334, your report,	20	foundation.
21	Paragraph 7, Page 4, you list some experience in the	21	BY MR. BESSETTE:
22	investment banking field?	22	Q. Does that sound right?
23	A. Right.	23	<ol> <li>A. It sounds like it might have been</li> </ol>
24	Q. Philadelphia Investment Bank	24	right at one point. Let me think a minute.
25	Company, can you describe for me what type of	25	I've got three in mind where we were
	Page 11		Page 13

Page 11

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 13

investment bank services that company provides? That's been a corporate finance services firm. As a way to define which of -services which may appear in a more full service investment banking firm, we've provided those. We don't have a retail sales or securities sales arm or investment research, as that's commonly known, or those sorts of things. We've been a corporate finance provider, that is, service provider, not actually an investor or lender of capital.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Howard and Company, where you indicate you worked from 1972 to 1976, is it correct you worked on only two offerings registered under the Security Act of 1933 while at Howard and Company?

MR. LEWIS: Object to the form and foundation.

THE WITNESS: That's a good question. There are two I can recall specifically, one which may not have been completed at the time, if I recall correctly. That might be correct.

One of the services we provided was advisory in nature to companies considering going public. In the course of that, I did a lot of research and we had quite a number of

the lead or co-lead managing underwriter, actually, and there were a number of other deals of that type on which I worked where we were not either lead or 3 4 co-lead or where we were not taking primary role in 5 that function. I think that's probably an accurate 6 number. 7

Only one of those was an initial public offering of stock; is that your recollection? MR. LEWIS: Objection to the form. THE WITNESS: One of the three was an IPO of -- was actually stock and warrants, which made up a unit at the time. Technically, the offering was of units.

BY MR. BESSETTE:

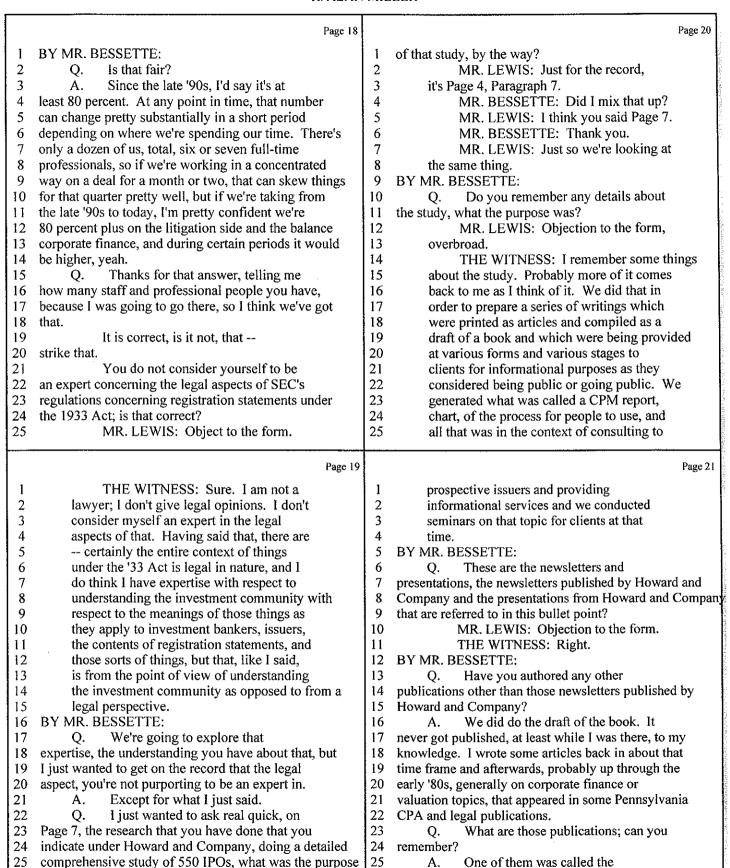
That's the one I'm thinking of. Q. Of the three, yes. Of the others, I A. do believe there were other IPOs in that list.

> Can you recall them as you sit here? Q.

No, I just recall vaguely having A. some conversations within the firm of the type that would have more likely applied to an IPO than another type of an offering; no.

Turning the page of Exhibit-334, your time at Philadelphia Capital Advisors, which was 1980 to 1983, you didn't work on any public offerings

	Page 14	ı	Page 16
1	while at Philadelphia Capital Advisors; is that right?	1	Q. What would be the other segments, if
2	A. Certainly not as an underwriter, we	2	any?
3	didn't perform that function there. I think there was	3	A. For PIBC, none. That's basically
4	an advisory job that I did that involved an IPO where	4	the way we look at the business.
5	we were basically consulting to a I don't know what	5	Q. Of the 20 or 30 clients you can
6	the right term would be to a party that was	6	recall as you sit here, and I'm not holding you to
7	associated with the issuer in one case.	7	that number but that range, how many of those are
8	We did do some other consulting work	8	receiving litigation or support services, that
9	for people considering public offerings at the time.	9	segment?
10	I just don't recall if they actually got to that point	10	A. Right; 20 or 25 of the 30, let's
11	while I was there or not.	11	say.
12	Q. Is it correct that you have not	12	Q. How many, if any, are receiving
13	worked on drafting an IPO prospectus since 1980, give	13	corporate finance services?
14	or take, in that time frame?	14	A. Five to ten.
15	A. Yeah, I think that's probably	15	Q. Are there some that are receiving
16	correct.	16	both?
17	Q. How many IPO transactions has your	17	A. There are some that have received
18	company, which is strike that.	18	both at different points in time, but the reason the
19	Philadelphia Investment Banking	19	numbers aren't clearer than that is that is the best I
20	Company, that's a company you founded in or about	20	can recall at the moment trying to estimate how many
21	1983?	21	clients we have in those categories.
22	A. Correct.	22	Q. As you sit here, you believe there
23	Q. Or I should say cofounded, right?	23	are five to ten clients of PIBC that are currently
24	A. That's right.	24	receiving corporate finance services?
25	Q. You're still involved with, I'll	25	A. Right.
	X. I out out in or ou viting I in		71. Right.
		<u> </u>	
	Page 15		Page 17
1	Page 15 call it, PIBC?	1	Page 17 Q. What was the last M and A
1 2		1 2	
	call it, PIBC? A. Yes. Q. How many IPO transactions has PIBC	1	Q. What was the last M and A
2	call it, PIBC? A. Yes.	2	Q. What was the last M and A transaction in which you were involved, sir?
2 3	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.	2 3	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.
2 3 4	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?	2 3 4	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't
2 3 4 5	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.	2 3 4 5	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't
2 3 4 5 6 7 8	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE:	2 3 4 5 6 7 8	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:
2 3 4 5 6 7 8 9	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have	2 3 4 5 6 7 8 9	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not
2 3 4 5 6 7 8 9 10	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?	2 3 4 5 6 7 8 9	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?
2 3 4 5 6 7 8 9 10	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically,	2 3 4 5 6 7 8 9 10	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.
2 3 4 5 6 7 8 9 10 11 12	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of	2 3 4 5 6 7 8 9 10 11 12	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your
2 3 4 5 6 7 8 9 10 11 12 13	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would	2 3 4 5 6 7 8 9 10 11 12 13	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?
2 3 4 5 6 7 8 9 10 11 12 13 14	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. What was the last M and A transaction in which you were involved, sir? MR. LEWIS: Objection to form. THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly BY MR. BESSETTE: Q. I was looking for the timing, not any of the details. Are you saying it's current? A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction? A. Probably ended about two months ago,
2 3 4 5 6 7 8 9 10 11 12 13 14 15	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. What was the last M and A transaction in which you were involved, sir? MR. LEWIS: Objection to form. THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly BY MR. BESSETTE: Q. I was looking for the timing, not any of the details. Are you saying it's current? A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction? A. Probably ended about two months ago, I think, or I think our work ended about two months
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. What was the last M and A transaction in which you were involved, sir? MR. LEWIS: Objection to form. THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly BY MR. BESSETTE: Q. I was looking for the timing, not any of the details. Are you saying it's current? A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction? A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. What was the last M and A transaction in which you were involved, sir? MR. LEWIS: Objection to form. THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly BY MR. BESSETTE: Q. I was looking for the timing, not any of the details. Are you saying it's current? A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction? A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago. Q. The M and A transaction, that would
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right?  A. Correct, that's the way we view it;	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business?  A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right?  A. Correct, that's the way we view it; yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. What was the last M and A transaction in which you were involved, sir? MR. LEWIS: Objection to form. THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly BY MR. BESSETTE: Q. I was looking for the timing, not any of the details. Are you saying it's current? A. Yes, last couple weeks. Q. Prior to that one, when was your last M and A transaction? A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago. Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business? A. Yes. Q. The litigation segment of the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right?  A. Correct, that's the way we view it; yes.  Q. Investment banking services, is that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business?  A. Yes.  Q. The litigation segment of the business, that's currently and I think tell me
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years? MR. LEWIS: Objection to form. THE WITNESS: In the corporate finance role as we view it, probably none. BY MR. BESSETTE: Q. How many clients does PIBC have currently? A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number. Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right? A. Correct, that's the way we view it; yes. Q. Investment banking services, is that another segment?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business?  A. Yes.  Q. The litigation segment of the business, that's currently and I think tell me if this is correct has been true since the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	call it, PIBC?  A. Yes. Q. How many IPO transactions has PIBC been involved in over the past, say, ten years?  MR. LEWIS: Objection to form.  THE WITNESS: In the corporate finance role as we view it, probably none.  BY MR. BESSETTE: Q. How many clients does PIBC have currently?  A. That's hard to recall specifically, in a sense, because some are at various levels of activity, but probably my best estimate would probably be 20 or 30 at this point. That's kind of a squishy number.  Q. I understand. I'd like to sort of break up in segments real fast just the services that PIBC provides. I know you provide litigation and support services; that's one segment, right?  A. Correct, that's the way we view it; yes.  Q. Investment banking services, is that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. What was the last M and A transaction in which you were involved, sir?  MR. LEWIS: Objection to form.  THE WITNESS: The last one, I don't believe I can discuss with you. I don't believe that our retention has been publicly  BY MR. BESSETTE:  Q. I was looking for the timing, not any of the details. Are you saying it's current?  A. Yes, last couple weeks.  Q. Prior to that one, when was your last M and A transaction?  A. Probably ended about two months ago, I think, or I think our work ended about two months ago, maybe three months ago.  Q. The M and A transaction, that would be subsumed in the corporate finance segment of the business?  A. Yes.  Q. The litigation segment of the business, that's currently and I think tell me



ase 1:99-cv-00371-GMS	Document 330-2 R. ALAN MILLE
-----------------------	---------------------------------

Pennsylvania CPA Journal One was a legal trade publication in the Philadelphia area; I don't remember what that was called. I think there was another CPA publication, but I don't remember what that was either other than the Pennsylvania CPA Journal. I think there is the think there was another CPA publication, but I don't remember what that was either other than the Pennsylvania CPA Journal. I think that's it.   MR. LEWIS: Excuse me. Had you finished your answer about publications before Mr. Bessette went to the actual journals? I wasn't sure if he cut you off.   THE WITNESS: I think I finished.		Page 22		Page 24	2/92
you've got your prior testimony and depositions and repositions and reposition an	1	Pennsylvania CPA Journal. One was a legal trade	1	O. I know as a part of your report.	
3 what that was called. I think there was another CPA publication, but I don't remember what that was either 5 other than the Pennsylvania CPA Journal, I think that's it.  7 MR, LEWIS: Excuse me. Had you finished your answer about publications so before Mr. Bessette went to the actual journals? I wasn't sure if he cut you off.  10 journals? I wasn't sure if he cut you off.  11 THE WITNESS: I think I finished.  12 BY MR, BESSETTE:  13 Q. What time frame are these 14 publications you just referenced?  14 publications you just referenced?  15 A. Mid 70s through early '80s at the 16 latest.  16 latest.  17 Q. I tave you published any articles in 18 the last ten years?  18 the last ten years?  19 A. No.  20 Q. Twenty years, I don't think so.  21 Q. Have you published any articles that 23 have been peer reviewed?  24 MR, LEWIS: Object to the form.  25 THE WITNESS: I think so.  26 Q. I twenty years, I don't think so.  27 A. The with years, I don't think so.  28 Q. Have you published any articles that 23 have been peer reviewed?  29 A lave you published any articles that 24 ones I wrote so I couldn't tell you.  29 The wither a tissed sometimes with a narrower meaning in 8 the eacademic community as describing a process by which articles are submitted for publication and, 100 prior to publication, reviewed by a group of people in 1 the field.  20 Q. With that understanding of what peer reviewed by which articles are usen withes in litigation, 21 providing expert services for litigation cases?  21 A. Think the Howard and Company articles were reviewed by Graham Howard, by and large.  22 MR, LEWIS: Object to the form.  23 THE WITNESS: That began sometime in the the field.  24 C. How you publisation that I can recall.  25 C. That was a market efficiency case?  26 A. Yes.  27 C. A side from sort of—  28 A. Yes.  29 C. Have you publication that you're aware of?  29 A. I think the Howard and Company articles been peer reviewed by anybody prior to publication that you're aver of?  29 A. Yes.  29 C. With that understanding of w					
4 publication, but I don't remember what that was either other than the Pennsylvania CPA Journal. I think that's it.  5 MR, LEWIS: Excuse me. Had you finished your answer about publications before Mr. Bessette went to the actual journals? I wasn't sure if he cut you off.  10 journals? I wasn't sure if he cut you off.  11 THE WITNESS: I think I finished.  11 THE WITNESS: I think I finished.  12 BYMR. BESSETTE:  13 Q. What time frame are these publications you just referenced?  14 A. Mid '70s through early '80s at the latest.  15 A. No.  16 A. No.  17 Q. Have you published any articles in latest.  18 the last ten years?  19 A. No.  20 Q. Twenty years, I don't think so.  21 A. Twenty years, I don't think so.  22 Q. Have you published any articles that have been peer reviewed?  24 A. The WITNESS: In the sense of  25 Page 23  26 A. The first one I referred to was cases in a Texas court involving a prosecs by the result from the name of the case.  27 A. The WITNESS: In the sense of  28 Page 25  4 A. That's not it, no. Krogman was the case where the judge selected among factors advanced by a frout publication and, prior to publication, reviewed by a group of people in the fifted.  29 Q. With that understanding of what peer reviewed prior to publication that you're aware of?  4 A. Think'the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by ourself out as an expert witness in liftgation, 20 yourself out as an expert witness in liftgation, 21 providing expert services for litigation cases?  20 How long have you been holding yourself out as an expert witness in liftgation, 21 providing expert services for litigation cases?  21 A. The WITNESS: That began somethine in the field.  22 MR. LEWIS: Object to the form.  23 BYMR. BESSETTE:  4 A. That's the lite was and the case.  4 C. Mith that understanding of what peer reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by Graham Howard, by and large. The other art				retentions and all, so we've got the time frame. In	3
testimony ever been rejected by a court, that you're aware of?  MR. LEWIS: Excuse me. Had you finished your answer about publications 9 before Mr. Bessette went to the actual 10 journals? I wasn't sure if he cut you off. 11 THE WITNESS: I think I finished. 11 unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a court was distinctly unimpressed with it. I can think of one instance in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I believe, was struck, if I remember the mame of the case in which a portion of an affidavit, I believe, was struck for reasons of relevance.  If we was a case in which a portion of an affidavit, I believe, was struck, if I remember the mame of the case in which a portion of an affidavit, I believe, was struck for reasons of relevance.  If we was a case in which a portio					
6 that's it.  7		•	5		100
finished your answer about publications before Mr. Bessette went to the actual before Mr. Bessette went to the actual pourals? I wasn't sure if he cut you off. THE WITNESS: I think I finished. THE WITNESS: I think I finished. In the WITNESS: I think I finished. THE WITNESS: I think I finished. In the word one instance in which a court was distinctly unimpressed with it. I can think of one case in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit was struck for reasons of relevance. When the last ten years? In the last ten years? When we was a case in the last ten years? In the word years? When we was a case in the last ten years? In the word years? When we was a case in the last expression of					ľ
before Mr. Bessette went to the actual journals? I wasn't sure if he cut you off. THE WITNESS: I think! finished. THE WITNESS: I think! finished. BYMR. BESSETTE: BYMR. BESSETTE: By MR. DESSETTE: By A. Mid '70s through early '80s at the latest. By MR. Dessett went to the actual unimpressed with it. I can think of one case in which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I believe, was struck for reasons of relevance. By MR. BESSETTE: By A. No. Cy Have you published any articles that have been peer reviewed? A. Twenty years, I don't think so. Cy Have you published any articles that have been peer reviewed? A. Twenty years, I don't think so. Cy Have you published any articles that have been peer reviewed? A. The BYTNESS: In the sense of  Page 23 A. The first one I referred to was a case in articles, I actually don't know who read the ones I wrote so I couldn't tell you. By MR. BESSETTE: A. I think the flow and and Company been reviewed by a group of people in the field. Cy Do you understand what I mean by the term that is used sometimes with a narrower meaning in term that is used sometimes with a narrower meaning in the field. Cy Do you understand what I mean by the ferm think hars' it. Cy A. That's not it, no. Krogman was the sea where the judge selected among factors advanced by which articles are submitted for publication and, you're aware of? A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. Cy Have you published for publication that you're aware of? A. I think that's it. Q. A side from sort of— A. I think there was not of the term that is used sometimes in lift gation. Cy Cy With that understanding of what peer reviewed dry articles were reviewed by Graham Howard, by and large. Cy Do you recall any of the names of the case where the proceed and the	7	MR. LEWIS: Excuse me. Had you	7	MR. LEWIS: Objection to the form.	1
10   journals? I wasn't sure if he cut you off.   11   THE WITNESS: I think I finished.   12   BY MR. BESSETTE:   12   13   Q. What time frame are these   13   believe, was struck, if I remember the process correctly or the result correctly.   14   believe, was struck, if I remember the process correctly or the result correctly.   15   A. Mid '70s through early '80s at the latest.   16   latest.   16   latest.   16   latest.   16   latest.   17   Q. Have you published any articles in   18   the last ten years?   18   the last ten years?   19   A. No.   19   Q. Do you recall any of the names of struck for reasons of relevance.   18   Wh. BESSETTE:   20   Do you published any articles that   20   Have you published any articles that   21   A. The first one I referred to was   22   called Van de Walle versus Unimation. The second one   23   safeguard Scientifics. The third one was a case in which a portion of an affidavit was struck for reasons of relevance.   18   Wh. BESSETTE:   20   Do you recall any of the names of   20   those cases?   21   A. The first one I referred to was   22   called Van de Walle versus Unimation. The second one   23   safeguard Scientifics. The third one was a case in   24   articles, I actually don't know who read the   25   ones I wrote so I couldn't tell you.   25   ones I wrote so I couldn't tell you.   26   A. That's not it, no. Krogman was the   27   case where the judge selected among factors advanced by two different experts, me and another one, and private ware of   25   ones I wrote so I couldn't tell you.   26   A. That's not it, no. Krogman was the   27   case where the judge selected among factors advanced by two different experts, me and another one, and private ware of   27   one   28   one   28   one   28   one   29   on	8	finished your answer about publications	8	THE WITNESS: I'm not sure what you	
THE WITNESS: I think I finished.  It within a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit was struck for reasons of relevance.  It which a portion of an affidavit, I believe, was struck, if I remember the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit was struck for reasons of relevance.  It where the verse of the which a portion of an affidavit was struck for reasons of relevance.  If where the verse of the form think so.  If where the verse of the form think so.  If where the verse of the form think so.  If where the verse of the form the process correctly or the result correctly. Let me think here. I think there was another case in which a portion of an affidavit, I can think of one case in which a portion of an affidavit was struck for reasons of relevance.  If where the verse of the form think so.  If where you published any articles in the steen years?  If where you published any articles that the the years?  If where you published any articles that the theory years?  If where you published any articles that the theory of the names of the struck for reasons of relevance.  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published any articles that the part years?  If where you published for publication that years are years?  If where you published for publication that your aware of?  A. I think the Howard, by and large.  If where where you published for publication that your aware of?  A. I think that's it.  If wher	9	before Mr. Bessette went to the actual	9	mean by the term rejected. I can think of	
12 BY MR. BESSETTE: 13	10	journals? I wasn't sure if he cut you off.	10	one instance in which a court was distinctly	
Q. What time frame are these   14 publications you just referenced?   14 process correctly or the result correctly.   15	11		11	unimpressed with it. I can think of one case	
publications you just referenced? A. Mid '70s through early '80s at the latest.    A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. Mid '70s through early '80s at the latest.   A. No.					ę
A. Mid '70s through early '80s at the last test.    17		`			37.
16   latest.   17   Q.   Have you published any articles in   18   the last ten years?   18   BY MR. BESSETTE:   19   Q. Do you recall any of the names of   20   20   Twenty years, I don't think so.   21   A. Twenty years, I don't think so.   22   Q. Have you published any articles that   22   A. Twenty years, I don't think so.   21   A. The first one I referred to was   22   called Van de Walle versus Unimation. The second one   is Safeguard Scientifics. The third one was a case in   safeguard Scientifics. The safeguard Scientifics   safeguard Scien					
17		, i	1		100
the last ten years?  A. No.  Q. Twenty years?  A. Twenty years, I don't think so.  Q. Have you published any articles that  the been peer reviewed?  A. The WITNESS: In the sense of  Page 23  articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the field.  The field.  Which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. Have you published any articles that 22 the been peer couldn't tell you.  BY MR. BESSETTE:  A. The first one I referred to was a case in is Safeguard Scientifies. The third one was a case in a Texas court involving a prospective class of holders of securities; I cannot remember the name of the case.  Page 25  A. That's not it, no. Krogman was the case in a Texas court involving a prospective class of holders of securities; I cannot remember the name of the case.  Page 25  A. That's not it, no. Krogman was the scaeted among factors advanced by two different experts, me and another one, and point in than mine.  7 Q. That was a market efficiency case?  8 A. Yes.  The other Texas case was not I can't remember the name of that.  10 Q. A side from sort of  12 A. That's not it, no. Krogman was the core the publication and, the problem of a cators favoring the other fellow's opinion than mine.  7 Q. A side from sort of  12 A. That was a market efficiency case?  8 A. Yes.  9 The other Texas case was not I con't remember the name of that.  10 Q courts criticizing or striking opinion and the court refusing to accept you as an expert w				•	
19 A. No. 20 Q. Twenty years? 21 A. Twenty years, I don't think so. 22 Q. Have you published any articles that 23 have been peer reviewed? 24 MR. LEWIS: Object to the form. 25 THE WITNESS: In the sense of  Page 23  1 articles, I actually don't know who read the 2 ones I wrote so I couldn't tell you. 2 BY MR. BESSETTE: 3 articles are submitted for publication and, 2 providing expert serviced by a group of people in 3 the field. 4 Q. With that understanding of what peer 4 reviewed means, have any of your articles been peer 5 A. I think the Howard and Company 6 articles were reviewed by a group of people in 7 the other articles, I don't believe were reviewed by 8 anybody prior to publication that I can recall. 9 Q. How long have you been holding 2 yourself out as an expert witness in litigation, 2 providing expert services for litigation cases? 2 MR. LEWIS: Object to the form. 2 THE WITNESS: That began sometime in 2 the late 70s.  19 Q. Do you recall any of the names of 2 those cases? 21 A. The first one I referred to was 22 called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 24 A. The first one I referred to was 25 called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 26 alex Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 27 the divance was a case in 28 A. The first one I referred to was 29 called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 29 Called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 29 Called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 29 Called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 29 Called Van de Walle versus Unimation. The second one is Safeguard Scientifics. The third one was a case in 29 Called Van de Walle versus Unima					
Q. Twenty years? 1 A. Twenty years, I don't think so. Q. Have you published any articles that have been peer reviewed? MR. LEWIS: Object to the form. THE WITNESS: In the sense of  Page 23  1 articles, I actually don't know who read the ones I wrote so I couldn't tell you. BY MR. BESSETTE: Q. Do you understand what I mean by peer reviewed? A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field. Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that I can recall. Q. Have you published any articles were reviewed by anybody prior to publication that I can recall. Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form. THE WITNESS: That began sometime in the late 70s.  How long have you peels that the formaticles, I don't believe were reviewed by anybody prior to publication that I can recall. THE WITNESS: That began sometime in the late 70s.		-			
A. Twenty years, I don't think so.  Q. Have you published any articles that have been peer reviewed?  MR. LEWIS: Object to the form. THE WITNESS: In the sense of  Page 23  1 articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE: Q. Do you understand what I mean by peer reviewed? A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of? A. I think the Howard and Company articles were reviewed by anybody prior to publication that J can recall. Q. Have you published any articles bean peer reviewed by anybody prior to publication that I can recall. Q. Have you published any articles bean peer reviewed by a group of people in the field.  In the field. Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form. THE WITNESS: That began sometime in the late '70s.  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and other one and another one, and other one, and other one, and other one and another one, and other one, and other one and another one, and other one, and other one of the case.  Q. A. I think that's it. Q. A. That's not it, no					1
Q. Have you published any articles that have been peer reviewed?  ARLEWIS: Object to the form. THE WITNESS: In the sense of  Page 23  1 articles, I actually don't know who read the ones I wrote so I couldn't tell you. BY MR. BESSETTE: Q. Do you understand what I mean by peer reviewed? A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field. Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed means, have any of your articles been peer reviewed prior to publication that J can recall. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. Q. Have long who read the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine. Q. That was a market efficiency case? A. Yes. The other Texas case was not I can't remember the name of that. Q. Aside from sort of A. I think that's it. Q					
23 have been peer reviewed? 24 MR. LEWIS: Object to the form. 25 THE WITNESS: In the sense of  Page 23  I articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in proto to publication, reviewed by a group of people in the field.  Ithe field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed means, have any of your articles been peer reviewed dror to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large.  The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late 70s.  A safeguard Scientifics. The third one was a case in a Texas court involving a prospective class of holders of securities; I cannot remember the name of the case.  Page 25  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's or opinion than mine.  Q. That was a market efficiency case?  A. I think that's it.  Q. Aside from sort of  12 Q. Aside from sort of  12 Q. Aside from sort of  13 Q. Aside from sort of  14 A. I think that's it.  Q. As it in the name of that.  15 Court reviewed prior to publication that J can recall.  16 Q. Aside from sort of  17 A. I think that's it.  Q. As it is a feguard Scientifics.  A That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's or opinion than mine.  Q. Aside from sort of  A. I t					
24 MR. LEWIS: Object to the form. 25 THE WITNESS: In the sense of  Page 23  Page 23  Page 23  Page 25  1 articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  4 Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the field.  1 prior to publication, reviewed by a group of people in the field.  2 Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large.  The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Page 23  Page 25  Q. Krogman, does that sound familiar?  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  7 Q. That was a market efficiency case?  A. Yes.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company anybody prior to publication that J can recall.  Providing expert services for litigation, yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.			,		1
Page 23  I articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a tem that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  THE WITNESS: That began sometime in the late '70s.  Page 23  Page 25  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?  A. Yes.  The other Texas case was not 1  can't remember the name of the case.  Page 25  A. That's not it, no. Krogman, does that sound familiar?  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?  A. Yes.  Page 25  A. Theat's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. The other Texas case was not 1  Can't remember the name of that.  10 Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on					5000
Page 23  1 articles, I actually don't know who read the ones I wrote so I couldn't tell you.  2 BY MR. BESSETTE:  4 Q. Do you understand what I mean by peer reviewed?  5 Lunderstand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  1 the field.  2 Q. With that understanding of what peer reviewed prior to publication that you're aware of?  4 A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. anybody prior to publication that I can recall. providing expert services for litigation, providing expert services for litigation cases?  2 MR. LEWIS: Object to the form. THE WITNESS: That began sometime in the late '70s.  1 A. That's not it, no. Krogman, does that sound familiar?  A. That's not it, no. Krogman, does that sound familiar?  A. That's not it, no. Krogman, does that sound familiar?  A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  7 Q. That was a market efficiency case?  8 A. Yes.  10 can't remember the name of that.  11 Q. Aside from sort of —  12 A. I think that's it.  Q. — courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in litigation, go overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  A. The Withest the court refusing to accept you as an expert witness in litigation, go overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case, sir?					
1 articles, I actually don't know who read the 2 ones I wrote so I couldn't tell you. 3 BY MR. BESSETTE: 4 Q. Do you understand what I mean by 5 peer reviewed? 6 A. I understand it. Peer reviewed is a 7 term that is used sometimes with a narrower meaning in 8 the academic community as describing a process by 9 which articles are submitted for publication and, 10 prior to publication, reviewed by a group of people in 11 the field. 12 Q. With that understanding of what peer 13 reviewed means, have any of your articles been peer 14 reviewed prior to publication that you're aware of? 15 A. I think the Howard and Company 16 articles were reviewed by Graham Howard, by and large. 17 The other articles, I don't believe were reviewed by 18 anybody prior to publication that I can recall. 19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 LEWIS: Object to the form. 25 A. That's not it, no. Krogman was the 26 Case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine. 4 D. That was a market efficiency case? 4 A. Yes.  9 The other Texas case was not I 10 Can't remember the name of that. 11 Q. Aside from sort of 12 A. I think that's it. 13 Q courts criticizing or striking 14 portions, do you recall, as you sit here, whether opinion and the court refusing to accept you as an expert witness in a case? 16 providing expert services for litigation, providing expert services for litigation cases? 21 MR. LEWIS: Object to the form. 22 BY MR. BESSETTE: 3 Q. Who is your client in this case, sir?	23	THE WITNESS. III the sense of	23	of securities; I cannot remember the hame of the case.	2/2/2
ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the flate '70s.  A. That's not it, no. Krogman was the to acase where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?  A. Yes.  The other Texas case was not I  Q. Aside from sort of  12 A. I think that's it.  Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.		· · · · · · · · · · · · · · · · · · ·			- 1
ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  A. I think the loward and Company opinion than mine.  A. I think the Howard and Company articles been peer reviewed by Graham Howard, by and large. If the other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  A. That's not it, no. Krogman was the to acase where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?  A. Yes.  The other Texas case was not I  can't remember the name of that.  Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Object to the form.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case, sir?		Page 23		Page 25	
Q. Do you understand what I mean by peer reviewed? A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of? A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form. THE WITNESS: That began sometime in the late '70s.  A. I understand it. Peer reviewed is a picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?  A. Yes.  Phe other Texas case was not I can't remember the name of that.  Q. Aside from sort of  A. I think that's it.  Qcourts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That has not occurred.  BY MR. BESSETTE: Q. Who is your client in this case, sir?	1	·	. 1		de Carrona in
5 peer reviewed? 6 A. I understand it. Peer reviewed is a 7 term that is used sometimes with a narrower meaning in the academic community as describing a process by 9 which articles are submitted for publication and, 10 prior to publication, reviewed by a group of people in 11 the field. 11 the field. 12 Q. With that understanding of what peer 13 reviewed means, have any of your articles been peer 14 reviewed prior to publication that you're aware of? 15 A. I think the Howard and Company 16 articles were reviewed by Graham Howard, by and large. 17 The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. 19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 24 the late '70s.  5 picked more factors favoring the other fellow's opinion than mine. 7  6 Q. That was a market efficiency case? 4  A. Yes. 9  The other Texas case was not I 10 can't remember the name of that. 10  Q. Aside from sort of 12  A. I think that's it. 13  Q courts criticizing or striking 14 portions, do you recall, as you sit here, whether 15 there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case? 18  MR. LEWIS: Objection to form, 19  Overbroad and vague. 20  Overbroad and vague. 21  THE WITNESS: That has not occurred. 22  MR. LEWIS: Object to the form. 22  Overbroad in the other Texas case was not I 10 can't remember the name of that. 10  Overbroad and vague. 19  Overbroad and vague 19  O	1 2	articles, I actually don't know who read the ones I wrote so I couldn't tell you.		Q. Krogman, does that sound familiar?	3- CHC 6- 1
A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  do opinion than mine.  Q. That was a market efficiency case?  A. Yes.  D. How that understanding of what peer can't remember the name of that.  10 Can't remember the name of that.  11 Q. Aside from sort of	ŧ	articles, I actually don't know who read the ones I wrote so I couldn't tell you. BY MR. BESSETTE:	2	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced	do (CHC) 6 do 1
term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of  12 A. I think that's it.  Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in litigation, overbroad and vague.  Q. How long have you been holding yourself out as an expert witness in litigation, and the court refusing to accept you as an expert witness in litigation, overbroad and vague.  Q. How long have you been holding yourself out as an expert witness in litigation, and the court refusing to accept you as an expert witness in litigation, overbroad and vague.  Q. How long have you been holding yourself out as an expert witness in litigation, and the court refusing to accept you as an expert witness in litigation.  Q. How long have you been holding yourself out as an expert witness in litigation, and the court refusing to accept you as an expert witness in litigation.  Providing expert services for litigation cases?  MR. LEWIS: Objection to form, overbroad and vague.  Q. Who is your client in this case, and the court refusion can't remember the name of that.  R. I think that's it.  R. I think that's it.	3 4	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by	2 3 4	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and	de Chillea I
the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of? A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall. Q. Aside from sort of 12 A. I think that's it. 13 Q courts criticizing or striking 14 portions, do you recall, as you sit here, whether 15 there has been a legal challenge to you based on your 16 opinion and the court refusing to accept you as an 17 expert witness in a case? 18 MR. LEWIS: Objection to form, 19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s.  Reviewed means, have any of your articles been peer 10 can't remember the name of that. 11 Q. Aside from sort of 12 A. I think that's it. 13 Q courts criticizing or striking 14 portions, do you recall, as you sit here, whether 15 there has been a legal challenge to you based on your 16 opinion and the court refusing to accept you as an 17 expert witness in a case? 18 MR. LEWIS: Objection to form, 19 overbroad and vague. 20 Go ahead. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?	2 3 4 5	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's	AND CONTRACTOR OF THE PROPERTY
9 which articles are submitted for publication and, 10 prior to publication, reviewed by a group of people in 11 the field. 12 Q. With that understanding of what peer 13 reviewed means, have any of your articles been peer 14 reviewed prior to publication that you're aware of? 15 A. I think the Howard and Company 16 articles were reviewed by Graham Howard, by and large. 17 The other articles, I don't believe were reviewed by 18 anybody prior to publication that I can recall. 19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s.  9 The other Texas case was not I 20 can't remember the name of that. 11 Q. Aside from sort of 12 A. I think that's it. 13 Q courts criticizing or striking 14 portions, do you recall, as you sit here, whether 15 there has been a legal challenge to you based on your 16 opinion and the court refusing to accept you as an 17 expert witness in a case? 18 MR. LEWIS: Objection to form, 19 overbroad and vague. 20 Go ahead. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a	2 3 4 5 6	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.	de Control de la
prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. Aside from sort of  A. I think that's it.  Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  MR. LEWIS: Object to the form. THE WITNESS: That has not occurred.  MR. BESSETTE:  THE WITNESS: That began sometime in the late '70s.	3 4 5 6 7	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in	2 3 4 5 6 7	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case?	A CHICAGA I CONTRACTOR AND A CONTRACTOR
the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. Aside from sort of  A. I think that's it.  Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  THE WITNESS: That began sometime in the late '70s.  THE WITNESS: That began sometime in the late '70s.	3 4 5 6 7	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by	2 3 4 5 6 7 8	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.	en etter tena i en en en en et en et en
Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  A. I think that's it.  Q. —- courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  THE WITNESS: That began sometime in the late '70s.	3 4 5 6 7 8 9	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and,	2 3 4 5 6 7 8 9	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes. The other Texas case was not I	des Controllera, Escare de Controllera de Controlle
reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  A. I think the Howard and Company there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case,  24 sir?	3 4 5 6 7 8 9	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in	2 3 4 5 6 7 8 9	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine. Q. That was a market efficiency case? A. Yes. The other Texas case was not I can't remember the name of that.	de Children I. C.
reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  MR. LEWIS: That began sometime in the late '70s.  THE WITNESS: That began sometime in the late '70s.  The portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case,  air?	3 4 5 6 7 8 9 10	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.	2 3 4 5 6 7 8 9 10	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine. Q. That was a market efficiency case? A. Yes. The other Texas case was not I can't remember the name of that. Q. Aside from sort of	de Chillian I.a
A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  The other articles, I don't believe were reviewed by opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case,  a sir?	3 4 5 6 7 8 9 10 11 12	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer	2 3 4 5 6 7 8 9 10 11	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it.	der Christian der eine eine eine Ernstelle Ernande freikerstelle Allen Steine Steine in der Ernande in der Ern
articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case, is sir?	3 4 5 6 7 8 9 10 11 12 13	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer	2 3 4 5 6 7 8 9 10 11 12 13	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine. Q. That was a market efficiency case? A. Yes. The other Texas case was not I can't remember the name of that. Q. Aside from sort of A. I think that's it. Q courts criticizing or striking	des Chillian III et en een een een een een een een een e
The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.  The witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.  BY MR. BESSETTE:  Q. Who is your client in this case, and the late '70s.	3 4 5 6 7 8 9 10 11 12 13 14	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether	des des transferancies de la companya del companya del companya de la companya de
18 anybody prior to publication that I can recall. 19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s.  18 MR. LEWIS: Objection to form, 20 Go ahead. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your	designations of the entered of the following the section of the entered of the en
19 Q. How long have you been holding 20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s.  19 overbroad and vague. 20 Go ahead. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an	des et et et en en en en en en et en et en et en
20 yourself out as an expert witness in litigation, 21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s. 20 Go ahead. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?	是一个时间的现在分词,一个一个一个时间,可以是一个时间的一个时间的一个时间的一个时间的一个时间的一个时间的一个时间的一个时间的
21 providing expert services for litigation cases? 22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in the late '70s. 21 THE WITNESS: That has not occurred. 22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form,	是一个时间的现在分词,一个一个一个一个时间,我们就是一个一个时间,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
22 MR. LEWIS: Object to the form. 23 THE WITNESS: That began sometime in 24 the late '70s.  22 BY MR. BESSETTE: 23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.	THE CONTROL OF THE CO
THE WITNESS: That began sometime in the late '70s.  23 Q. Who is your client in this case, 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.	THE CONTRACTOR OF THE CONTRACTOR STANDARD STANDAR
24 the late '70s. 24 sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred.	是一个时间,这一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
25 BY MR. BESSETTE: 25 A. The plaintiff class.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred. BY MR. BESSETTE:	是一个时间,这一个一个一个是一个时间,我们就是我们的一个时间,这个时间,这个时间,这个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一
	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	articles, I actually don't know who read the ones I wrote so I couldn't tell you.  BY MR. BESSETTE:  Q. Do you understand what I mean by peer reviewed?  A. I understand it. Peer reviewed is a term that is used sometimes with a narrower meaning in the academic community as describing a process by which articles are submitted for publication and, prior to publication, reviewed by a group of people in the field.  Q. With that understanding of what peer reviewed means, have any of your articles been peer reviewed prior to publication that you're aware of?  A. I think the Howard and Company articles were reviewed by Graham Howard, by and large. The other articles, I don't believe were reviewed by anybody prior to publication that I can recall.  Q. How long have you been holding yourself out as an expert witness in litigation, providing expert services for litigation cases?  MR. LEWIS: Object to the form.  THE WITNESS: That began sometime in the late '70s.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. Krogman, does that sound familiar? A. That's not it, no. Krogman was the case where the judge selected among factors advanced by two different experts, me and another one, and picked more factors favoring the other fellow's opinion than mine.  Q. That was a market efficiency case? A. Yes.  The other Texas case was not I can't remember the name of that.  Q. Aside from sort of A. I think that's it. Q courts criticizing or striking portions, do you recall, as you sit here, whether there has been a legal challenge to you based on your opinion and the court refusing to accept you as an expert witness in a case?  MR. LEWIS: Objection to form, overbroad and vague.  Go ahead.  THE WITNESS: That has not occurred. BY MR. BESSETTE: Q. Who is your client in this case, sir?	是一个时间,这一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个

	Page 38		Page 40
1	opinions on negative loss causation spring	1	BY MR. BESSETTE:
2	primarily from the review of Mr. James' work	2	Q. Let me ask you to look at what's
3	and the other information that I provide in	3	been marked as Exhibit-336 (indicating). This is the
4	my reports on that topic, and the adequacy of	4	expert report of Chris James. I believe you've seen
5	due diligence opinions, I actually don't	5	that?
6	recall what the complaint said about that but	6	A. Yes.
7	those opinions I formed based upon my review	7	Q. At Paragraph 17 to 22 of Dr. James'
8	of the information that I've seen and that	8	report
9	I've listed here. I think that probably	9	MR. LEWIS: Do you have an extra?
10	covers it.	10	MR. BESSETTE: Do you have Chris
11	BY MR. BESSETTE:	11	James' report? I'm not going to get detailed
12	Q. You're familiar with event studies,	12	on it.
13	correct?	13	MR. LEWIS: Then I will lean over.
14	MR. LEWIS: Objection to form.	14	MR. BESSETTE: I have copies for you
15	THE WITNESS: Yeah, I'll say correct	15	of everything else.
16	and note that that word is used differently,	16	BY MR. BESSETTE:
17	perhaps, by different people, but I am	17	Q. In those paragraphs, Dr. James sets
18	familiar with that term generally and with at	18	out a methodology for an event study. Are you
19	least several uses of it.	19	familiar with that general methodology as he has set
20	BY MR. BESSETTE:	20	forth in those paragraphs?
21	Q. What is beta in connection with an	21	MR. LEWIS: Objection to form.
22	event study?	22	You're talking about
23	MR. LEWIS: I'm sorry?	23	MR. BESSETTE: Seventeen to 22 is
24	MR. BESSETTE: Beta.	24	where he sets out the general methodology.
25	THE WITNESS: Beta actually	25	MR. LEWIS: The question is whether
	Title Williams Dominating	23	Wife. Ed. W15. The question is whether
		_	
	Page 39		Page 41
1		1	
1 2	sometimes a beta measurement typically		he is familiar that that's what James did or
1 2 3	sometimes a beta measurement typically measures the degree of volatility that a	2	he is familiar that that's what James did or whether
1 2 3 4	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with	2	he is familiar that that's what James did or whether BY MR. BESSETTE:
3	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index	2 3 4	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar
3 4	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or	2 3 4 5	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as
3 4 5	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures	2 3 4 5 6	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs.
3 4 5 6	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock	2 3 4 5 6 7	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form,
3 4 5 6 7 8	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is	2 3 4 5 6 7 8	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness.
3 4 5 6 7 8 9	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds	2 3 4 5 6 7 8 9	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21?
3 4 5 6 7 8 9	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes	2 3 4 5 6 7 8 9 10	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE:
3 4 5 6 7 8 9 10	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.	2 3 4 5 6 7 8 9 10	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two.
3 4 5 6 7 8 9 10 11 12	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:	2 3 4 5 6 7 8 9 10 11 12	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this
3 4 5 6 7 8 9 10 11 12 13	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types	2 3 4 5 6 7 8 9 10 11 12 13	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a
3 4 5 6 7 8 9 10 11 12 13 14	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements	2 3 4 5 6 7 8 9 10 11 12 13 14	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break?
3 4 5 6 7 8 9 10 11 12 13 14 15	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher	2 3 4 5 6 7 8 9 10 11 12 13 14 15	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure.
3 4 5 6 7 8 9 10 11 12 13 14 15 16	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE:
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are individual stocks let me start over.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it. Now that you've reviewed
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are individual stocks let me start over.  Individual stocks react differently	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it. Now that you've reviewed Paragraphs 17 to 22 of Dr. James' report, are you
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are individual stocks let me start over.  Individual stocks react differently to market movements as a general matter, and	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it. Now that you've reviewed Paragraphs 17 to 22 of Dr. James' report, are you familiar with the general methodology of an event
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are individual stocks let me start over.  Individual stocks react differently to market movements as a general matter, and there are probably ways to categorize certain	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it. Now that you've reviewed Paragraphs 17 to 22 of Dr. James' report, are you familiar with the general methodology of an event study as he has laid out in those paragraphs?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	sometimes a beta measurement typically measures the degree of volatility that a particular stock experiences compared with some base measurement statistic like an index or market index or an industry index or something like that; that is, it measures what percent, for example, a particular stock will move when an index moves 1 percent, is one way to explain it. That sometimes finds its way into event study work and sometimes doesn't.  BY MR. BESSETTE:  Q. Are there, in your experience, types of stocks that are more sensitive to market movements than other types of stocks, I guess having a higher beta?  MR. LEWIS: Objection, vague and overbroad.  THE WITNESS: Sure. There are individual stocks let me start over.  Individual stocks react differently to market movements as a general matter, and	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	he is familiar that that's what James did or whether BY MR. BESSETTE: Q. I want to know if you're familiar with the general methodology of an event study as Dr. James has laid it out in those paragraphs. MR. LEWIS: Same objection, form, foundation, and vagueness. THE WITNESS: Did you say 17 to 21? BY MR. BESSETTE: Q. Twenty-two. MR. LEWIS: After he answers this question, would it be a good time for a break? MR. BESSETTE: Sure. THE WITNESS: Could I have the question back? BY MR. BESSETTE: Q. I'll restate it. Now that you've reviewed Paragraphs 17 to 22 of Dr. James' report, are you familiar with the general methodology of an event

	Page 42		Page 44
1	THE WITNESS: I am familiar with	1	Go ahead; do the best you can.
2	event studies and the methodology of	2	Also, I think that misstated his
3	conducting event studies, including in, I	3	testimony a little bit.
4	suppose, the broadest sense, the methodology	4	Answer it anyhow.
5	suggested by Mr. James here in the sense of	5	THE WITNESS: I'm okay on 17, 18,
6	using a regression analysis based tool in	6	and 19. On 20, the problem I have here is
7	order to measure statistical significance and	7	that the second sentence says the relatively
8	those sorts of things.	8	smaller movements on other days are typically
9	Having said that, these paragraphs	9	the result of normal volatile trading
10	set forth a general description of that tool	10	activity and do not represent the pricing
11	or of the use of that tool but leave open	11	dash effects of material firm-specific
12	gaping sorts of questions as to the	12	information semicolon such small movements
13	application and construction of the tool and	13	are not statistically distinguishable from
14	analysis, which problems and questions	14	zero firm-specific movement.
15	persist, then, as Mr. James proceeds	15	I think that assigns a level of
16	thereafter to apply what he describes here in	16	meaning and certainty to the term
17	a general way.	17	statistically significant that doesn't
18	MR. BESSETTE: I've got a line of	18	comport with the real world; that is, I don't
19	questions here, so we might as well take a	19	argue that this interpretation is incorrect
20	break. Thank you.	20	from a purely academic standpoint and from
21	(Recess.)	21	the interpretation of the meaning of those
22	BY MR. BESSETTE:	22	terms by some pure academicians, at least in
23	Q. Mr. Miller, leaving aside your	23	recent years. The problem is in applying
24	reservations about the application of the event study	24	this methodology for the purposes described
25	as described by Mr. James in Paragraphs 17 to 22, you	25	in the preceding three paragraphs, it implies
<u> </u>	Gibbs.	ļ	
	Page 43		Page 45
1	agree that's an accurate description of the general	1	that it has these real world uses and effects
2	methodology of an event study; is that right?	2	when the bright line nature of the
3	MR. LEWIS: Objection to the form	3	statistically significant factor is
4	and foundation.	4	artificial and, in fact, smaller movements
5	Excuse me for a moment.	5	can occur as a result of information reaching
6	(Discussion held off the record.)	6	the market which might be weaker sorts of
7	THE WITNESS: The reason I'm taking	7	information which might reach the market in
8	so long with this question is that there's a	8	ways that are less distinct than a Wall
9	lot of extraneous information in these	9	Street Journal announcement or Dow Jones
10	paragraphs that's like commentary as opposed	10	Business Wire announcement, for example, or
11	to simply setting forth how an event study	11	which might simply have less import than an
12	might be structured or established or	12	announcement that causes a reaction to rise
13	conducted or something like that, that I	13	above the statistically significant
14	don't think are either necessary to the event	14	threshold, so I have that sort of problem
15	study or, in fact, may be wrong, were overly	15	with that paragraph.
16	assumptive about things that an event study	16	BY MR. BESSETTE:
17	can tell you. That's why I'm thinking more	17	Q. Before you move on to another
18	about this than maybe you intended. I'll let	18	paragraph, is there anything more you want to say
19	it go with that.	19	about that sentence in Paragraph 20?
20	BY MR. BESSETTE:	20	MR. LEWIS: Objection to form.
21	Q. As between Paragraphs 17 to 22, what	21	THE WITNESS: This also implies a
22	in those paragraphs do you find either extraneous to a	22	one-day, or less, event window, which is the
23	description of an event study or, I think you said,	23	term that's used in event studies as well,
24 25	maybe even wrong?	24	and that is artificial as well. It's also
43	MR. LEWIS: Compound.	25	not necessarily standard even in the academic

Page 46 Page 48 application of event studies. Event windows from zero -typically should be designed to comport to 2 MR. LEWIS: Objection to form. the events being studied, and 9:30 to four 3 BY MR. BESSETTE: o'clock on a particular day is an artificial 4 -- in an event study? Q. window which may or may not have any meaning 5 MR. LEWIS: Objection to form and in a particular case. 6 foundation. Event window lengths of longer or --7 BY MR. BESSETTE: well, or arguably shorter periods are 8 Q. Did I not frame that right? appropriate in some cases and there's no 9 A. I'm wrestling with that. reason to think that a consistent event 10 In an event study as academically window length applied over a period of time defined in recent years by many academicians, once you 11 makes any sense; that is, event windows may 12 set your threshold for statistical significance, any change in size during a study period to 13 movement underneath that is viewed as not reflect the source of the news, the type of 14 statistically significant and therefore news, how it is transmitted to market 15 indistinguishable from zero in its effect. participants, and those sorts of factors. 16 I think in the event study world of All these things are discussed in some fairly 17 pure academia, that is probably correct. In the real standard works on event study construction. 18 world, there's no reason for that to be correct There's one by Dunbar and Tabak that 19 because there are too many subjective assumptions in refers to these types of factors. There's 20 establishing the threshold, the length of the event one by Mackinley, and I think it may be just 21 window, and then those kinds of things I referenced by Mackinley; he often writes with several 22 earlier, to make that true; that is, taking Mr. James' other people, but I think it might be just 23 work, he sets a threshold of 95 percent confidence him. There's, I think, another one with 24 level, ignoring the impact of the relatively low Tabak and three other people from National 25 R-squared factor in the first place, says that that

Page 47

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 49 translates into a 12.3 percent stock price movement and sets that as the threshold for statistical significance, underneath which anything is essentially equal to zero. Simply by looking at his chart, you

can see that that doesn't make much sense in the real world suggesting that an 11 percent movement in stock price is indistinguishable from zero, A, on its face, B, not considering the source or type of information, C, assuming that all information affecting market participants' view of a company's earning prospects is equal or is subject to the same minimum threshold, D. ignoring that the 95 percent confidence level is one choice that is made.

Ninety percent confidence levels are often used by many practitioners of event study methodology, and at that, there's no reason, 90 or 95 or wholly, other numbers or not, except academic convention. It doesn't deal with the possibility of seepage or leakage-type information in which you'd have to have multiple day event windows which are essentially additive arithmetically; they're not quite additive statistically but they are essentially additive in their effect. I think those are some of the issues anyway that relate to this topic.

Economic Research Associates. These sorts of articles describe in more detail various steps to go about performing event studies but address issues like event window length, threshold for statistical significance, and those kind of factors I've referred to here. I think that might take care of 20.

BY MR. BESSETTE:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

O. Before we move on, on 20, just to make sure I understand, to boil, I guess, the first issue down, it's your opinion that relatively small price movements that are not statistically significant in a particular event study analysis could represent the pricing effects of material firm-specific information in your opinion based on the real world, and that's why you take objection to this statement; do I understand that right?

MR. LEWIS: Objection to form. THE WITNESS: Yeah, that's part of what I said.

BY MR. BESSETTE:

The part after the semicolon, these small -- relatively small, not statistically significant price movements based on a particular event study, are they or are they not distinguishable

Document 330-2 R. ALAN MILLER Page 50 Page 52 those other factors, and then can be reviewed in a O. If I understand correctly, your 2 issue, I guess, with event studies not being 2 flexible way to allow for multiple event window and 3 3 appropriate in the real world is because there are too flexible event window review with no preset 4 many subjective factors like what confidence level 4 thresholds, I think it can be a very useful tool and 5 you're going to use, what event window is going to be 5 we use it all the time for that. 6 used, so is it fair to say that because of those 6 Mackinley, to whom you referred, O. 7 subjective elements, you don't think that an event 7 you're familiar that he uses event studies to test 8 study methodology accurately captures all 8 whether stock reactions are different from zero for a 9 firm-specific information translated into price 9 particular event window? 10 movements? 10 MR. LEWIS: Objection to form and MR. LEWIS: Objection to form. 11 11 foundation. 12 BY MR. BESSETTE: THE WITNESS: Yeah, I think part of 12 13 You're using statistical O. 13 Mackinley's work -- I'm trying to remember if 14 significance because there are too many variables? 14 it's in the same article or not, and I can't. 15 MR. LEWIS: Objection to form. 15 In part of Mackinley's work, he does overbroad; misstates his answer, lack of 16 16 make that definitional use of the event study foundation. 17 17 setting the academic conditions of threshold 18 BY MR. BESSETTE: 18 and event window length and then makes the 19 19 Do I have that right, generally? statement, I believe, something to the effect Q. 20 Yeah, I think partially so. I think 20 A. that anything under the threshold is I'd say this, though: I don't have any problem with 21 21 statistically the same as zero, or something 22 the use of event studies and we use them all the time 22 like that. 23 to do our work, and I'm using event study -- I don't 23 That's consistent with the academic 24 know whether that's -- whether to make it uppercase or 24 application of the tool, but Mackinley also, 25 lower case -- in the broader sense of putting all of 25 I believe, in discussing how to do the event Page 51 Page 53 the information that you think is relevant onto a 1 studies, talks about selection of window, template or piece of paper, a chart, a format, that 2 2 talks about selection of base period, which 3 contains significant pieces of information to review 3 is a major issue I've not discussed yet but 4 along with the information to make some sorts of which also factors into all this and which is 4 determinations that we're talking about making. 5 5 also covered in the Dunbar and Tabak article, 6 That's a process in a much broader sense that I think 6 and those are important factors that are not 7 is fine. 7 covered in this description and which 8 8 Using the event study as narrowly Mr. James deviates from in his application of 9 defined in the purely academic world and including the 9 the event study methodology going forward; 10 10 results of a regression analysis with fixed event that is, all the practitioners say, and 11 windows with artificially set thresholds, ignoring, 11 Mr. James says, that the first step in 12 for example, the factor of trading volume, which most 12 creating the Formula A relationship between 13 13 the variables is to use a clean base period

academic event studies ignore, ignoring nonprinted electronically data-retrievable sources of information 14 that probably existed at the time, and those sorts of 15 things, are some of the problems I have with the 16 narrower academically-oriented event studies as 17 described here and used by Mr. James. 18 In fact, if the event study in the 19 much broader sense is used properly and does include 20 all of the information that affects pricing, which is, 21 on a practical basis, very difficult to do, but if it 22

does that, includes trading volume data and stock

prices, comparable indices, market indices and all

price movement data, the movement of comparable stock

14

15

16

17

18

19

20

21

22

23

24

25

Based on that, the predicted path of the stock price or the dependent variable is projected into the class period, the actual stock price movement is then subtracted from the predicted movement to determine what's called a residual. That's tested against the statistically significant threshold and the academic version of the event study to

or control period or estimation period, I

describe it, to establish the relationship

think are the terms I've seen used to

between the variables.

23

24

25

different levels of threshold for statistical

25

BY MR. BESSETTE:

Document 330-2 R. ALAN MILLER

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 58

significance both in its articles and in its work that I've seen, its work product that I've seen. They discuss the need to include all sources of information that might affect a security's price. I think the principles are discussed in these various articles.

As I have seen them, event studies, conducted in academia and written about, they very rarely apply those. Most of the academic articles tend to study simple events or single-type events like earnings announcements or changes in recommendations or dividend announcements with the expectation that the market reaction will be quick and measurable and a constant event window of one day, so the application of the work starts with the principles and almost always gets highly simplified for academic purposes.

When these articles used to be 16 17 started to be written -- terrible sentence -- in 18 the '70s, coincidentally I was in graduate school when a lot of this stuff got started, only because it 19 coincided with the availability of computer time for 20 21 the first time to faculties at colleges, the articles 22 almost always contained caveats that these techniques should not be applied to the analysis of any one 23 stock, it's useful for evaluating large amounts of 24 25 data and drawing general conclusions, these sorts of

certainly, linear formulas. Any formulations that would result from those would be incredibly complex and multidimensional and wouldn't subject themselves to reduction to an academic article. I don't recall that I've seen anybody doing it that way. I think for the reasons I mentioned in the previous answer.

Page 60

Page 61

Having said that, I think the effect on stock prices from a more fundamental analysis approach is referenced in texts and articles and that sort of thing in a different way; that is, the emphasis on the security price reflecting the expected future -- I'm sorry, the present value at any point in time, that concept is certainly set forth in texts and in articles, whether it be from Graham and Dodd, Brealey and Myers. Any number of corporate finance and investment texts and articles and those types of journals talk about securities valuation resulting from expected future cash flows being reduced to a security price at a point in time. All the factors that affect that are written about in those contexts, and

Page 59

things.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

2

3

4

5

6

7

8

9

10

11

12

13

14

15

By and large, those caveats have disappeared over the years and you now see the application of the event study technique much more broadly without the caveats, but I think you have to remember that the academic purposes in most of these articles can be seen to benefit from the simplification of the whole process and the fixing of windows and thresholds and those sorts of things to draw the sorts of general conclusions you're trying to draw. By and large, those peer-reviewed articles are not trying to apply studies to one stock in the way that they are in litigation context, for example, and the way they are here.

Are there any event studies that you've seen published in finance or economic journals that are the real world ones that you've described as opposed to the academic event studies?

> MR. LEWIS: Objection to form, foundation.

THE WITNESS: I can't recall, as I sit here, seeing one allowing for the review of multiple factors, multiple windows, and that sort of thing simultaneously because it's not easily reducible to formulas and,

1 those are the type of factors that are often 2 captured in a more real world approach to an

event study.

One limitation, for example, that pops up in the academic world is very often reliance on a single point distribution in a major source of a piece of simple news, whereas in the real world you often get multiple sources of news, much information being transmitted orally among market participants and those sorts of much messier situations than the academics prefer to study.

BY MR. BESSETTE:

I just want to be clear that you cannot, as you sit here, point to any real world event study as you've described today published in a peer-reviewed article in finance or economic journals.

> MR. LEWIS: Objection to form and foundation; misstates the testimony.

THE WITNESS: No, I think what I said was the principles underlying event studies point to what should be a real world event study. The academics then, once establishing the principles, step back from

	Page 62		Page 64
1	that for the practical purposes of producing	1	of things, so yes, I think statistical observation is
2	their articles for journals so that they can	2	an important part.
3	generate linear formulas that they can reduce	3	Q. My question was a little different,
4	variables to the ones that are helpful to	4	though.
5	them and what they are trying to study.	5	A. But setting defined statistical
6	Having said that, I then said that I	6	tests that are artificial or threshold-like or
7	haven't seen a published article that doesn't	7	constant, regardless of the appropriate event window
8	step back from the principles and simplify it	8	or source of information or type of information,
9	down to whatever narrow issues the academics	9	ignoring trading volume and that sort of thing, I
10	are focusing on at the time.	10	don't think is necessarily helpful.
11	BY MR. BESSETTE:	11	MR. BESSETTE: Can you repeat my
12	<ul> <li>Q. Do you agree that statistical tests</li> </ul>	12	question.
13	are a necessary part of an event study?	13	(The preceding question was read
14	MR. LEWIS: Objection to form and	14	back.)
15	foundation.	15	BY MR. BESSETTE:
16	BY MR. BESSETTE:	16	Q. You answered it in terms of how it
17	Q. An event study that analyzes stock	17	was important and then you had your qualifiers. I
18	prices and public information.	18	want to know if statistical tests or observations are
19	MR. LEWIS: Same objection.	19	a necessary part of an event study that analyzes stock
20	BY MR. BESSETTE:	20	prices and public information.
21	Q. Let me re-ask the question.	21	MR. LEWIS: Objection to form and
22	Are statistical tests a necessary	22	foundation.
23	part of an event study that analyzes stock prices	23	THE WITNESS: Sure.
24	and	24	BY MR. BESSETTE:
25	MR. LEWIS: Same objection.	25	Q. In your opinion, what are the

Page 63

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 65

## BY MR. BESSETTE:

2

3

4

5

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

- public information? Q.

Α. I suppose at some level a statistical test or -- I don't know whether to use the word test or not -- a statistical observation is certainly an important part of event studies. Using that term in a broader sense than what we've been referring to as real world event studies, sure.

The notion of price changes, comparison of price changes of the subject company with comparative companies or indexes, for example, the topic of relative volume change, I think all these things are subject to statistical observation as to what they mean or imply with respect to stock price movements and then correlate it with the information that appears to be coming into the market over those periods of time. Whether that reduces to a single test that applies uniformly throughout an analysis period or thresholds or that sort of thing is a different question.

of the purposes of an event study is to observe the statistical aspects of it, how a stock price changes, how it changes relative to other stock prices, indexes, information, trading volume, and those sorts

I think there is the purpose -- one

necessary statistical tests or observations that need to be made in a properly constructed event study that analyzes stock prices and public information?

MR. LEWIS: Objection to foundation, asked and answered, vague and ambiguous.

THE WITNESS: I think one should observe the trading volume number and -- I think I'd start with trading volume and suggest that trading volume should be observed for whatever period of times are appropriate, which in the case of a single point major news source such as Dow Jones news wire, Wall Street Journal article, might be a fairly narrow window for simple information. That window could be a day, could be several hours; it could be, perhaps, two days or so.

BY MR. BESSETTE:

How is looking at trading volume a O. statistical test or observation?

Because if you have a normal trading volume, for example, on no-news days, let's say, in a simple case, of a hundred thousand shares a day and you have several days of 500,000 share trading volume that coincide with the issuance of news, that's

Page 68

Page 66

7

8

9

10

11

12

13

14

15

16

17

18

19

20

25

12

13

14

15

16

17

18

19

20

21

22

23

24

25

something that should trigger you to look at the news and look at how the stock price reacted.

That, in your opinion, is a statistical test?

2

3

4

5

6

7

8

9

11

25

2

3

4

5

6

7

8

9

10

11

12

13

14

16

17

18

19

20

21

22

23

- A. Sure, the deviation of trading volume from normal.
- How do you measure that Q. statistically?
- You could measure it any number of 10 ways by setting a normal or average trading volume number and measuring any change in excess of a 12 threshold level, for example, or simply by observing 13 through an event study period how the volume changes in picking up on days with above average trading, 14 leaving not a fixed threshold but allowing for 15 16 different types of trading volume reactions to 17 different kinds of news and simply looking at all of 18 them that seem to be significant, and there's any 19 number of ways you could structure that review.

You could start in a particular 20 21 class period with the top ten trading volume days with 22 the requirement of a minimum change of 10 percent 23 above average. There's any number of ways you could 24 look at the data.

O. Right now you're giving me a list of

right, if that's the way you set up your table, and see if there's news associated with that, which you've 3 printed in the column allowed for news, either that 4 day or the day before or the day after, for example, 5 to use a one-day window period, to see if there's news associated with the trading volume change. 6

That statistical test of trading O. volume, again, shows you what in a properly constructed event study, in your opinion?

MR. LEWIS: Objection to form, asked and answered.

THE WITNESS: It should be a signal for you to investigate whether something occurred to cause that trading volume change from normal, if it was accompanied by a price change and if it was accompanied by obvious news that you were able to find out at that point in your study.

BY MR. BESSETTE:

What other statistical tests are Q. necessary?

21 22 MR. LEWIS: Objection to form and 23 foundation.

24 BY MR. BESSETTE:

> In your opinion. Q.

Page 67

Page 69

the statistical tests that you think are necessary for a properly constructed event study that analyzes stock prices and public information, the first one of which you said was trading volume. Doing a statistical test on trading volume as you've just described it, and it can be done any number of ways, what does that tell you in a properly constructed event study, in your opinion?

MR. LEWIS: Objection to form. THE WITNESS: Typically, that will tell you instances where there are more buyers than sellers or more sellers than buyers relative to a particular price and potentially in response to news.

15 BY MR. BESSETTE:

- What do you mean, potentially in response to news?
- Depending on how you set up your study -- this is a bit of a physical matter so I apologize doing this verbally, but if you set up the study with the first column being date, the next column being trading volume, next column being share price, then as you run down the trading volume first,
- 24 you might see a day when trading volume is 25 significantly above average, and then look to the

I think you would then typically A. 2 analyze the movement of stock price that you're 3 studying to see how that changes over time on an 4 absolute basis, then on a percentage basis, and, 5 typically, you would compare that with the movement of 6 something else, a general market index and/or a 7 selected industry index and/or comparable companies 8 that would be useful in examining how those factors 9 might affect the company you're studying. I think 10 that would be the next group of information or type of 11 information I'd look at.

I'm sorry, I missed the first part. First statistical test trading volume, we discussed that. What was the second?

MR. LEWIS: You're using the word test when he used the word observation. I'm just going to continue to object to the question.

BY MR, BESSETTE:

- You are listing for me necessary statistical tests or observations that you think, in your opinion, should be part of a properly constructed event study as we've described?
- Yeah, I've heard the test or observation phrased throughout your questions.

24

25

_	K. ALAN	IVIIL	JEEK .
	Page 70		Page 72
1	Q. Right. The second one was what?	1	and after the study period or the class
2	A. Stock price of the company you're	2	period to observe how those various things
3	studying and on an absolute and percentage change	3	performed relative to each other during those
4	basis, and then index data for general market index,	4	periods of time.
5	industry indexes and/or comparable company stock	5	BY MR. BESSETTE:
6	prices, all on absolute and percentage change bases	6	Q. In shorthand, we can say the No. 3
7	for the various event windows that might be	7	test is a clean base period?
8	appropriate as you move through such a study.	8	MR. LEWIS: Objection to form.
9	Q. What's the purpose of this necessary	9	BY MR. BESSETTE:
10	statistical test or observation, that being absolute	10	Q. Is my understanding correct?
11	and percentage change bases in stock price and	11	MR. LEWIS: Same objection.
12	absolute and percentage change bases in index data?	12	THE WITNESS: Shorthand, using that
13	MR. LEWIS: Objection to form.	13	in the general sense, sure.
14	THE WITNESS: The purpose is to see	14	BY MR. BESSETTE:
15	how the stock price moves in relevant time	15	Q. Any other necessary statistical
16	periods compared with the movements in those	16	tests or observations?
17	other factors, general market indexes,	17	A. I don't think so at the moment.
18	industry indexes, and/or comparable company	18	Q. Did you perform a properly
19	stocks.	19	constructed event study in this case?
20	BY MR. BESSETTE:	20	MR. LEWIS: Objection to form,
21	Q. In your opinion, is part of the	21	foundation.
22	necessary statistical test when you're looking at this	22	MR, BESSETTE: That's vague.
23	stock price data to factor out of absolute and	23	BY MR. BESSETTE:
24	percentage change stock price data for a company the	24	Q. Did you perform what in your opinion
25	index data, market or industry, for that company?	25	is an event study in this case?
	1 2		
	Page 71		Page 73
1	MR. LEWIS: Objection to form.	1	MR. LEWIS: Objection to form.
2	THE WITNESS: Yeah, as part of the	2	Answer it if you can.
3	testing or observing of this data, I think	3	THE WITNESS: Yes, I believe that we
4	you would I don't know if you're actually	4	did.
5	factoring it out or factoring it in. You're	5	BY MR. BESSETTE:
6	considering that it's moving in a certain	6	Q. Did you perform each of these
7	fashion. You're also considering that	7	necessary statistical tests or observations as part of
8	indexes or you're remembering when you're	8	your event study?
9	doing this that indexes are made up of stock	9	A. We did.
10	price movements averaged together, in a very	10	Q. You've tested for trading volume?
11	broad sense, after the fact, when you're	11	MR. LEWIS: Objection to form.
12	doing any of these analyses; that is, index	12	THE WITNESS: We did.
13	movements are created by individual stock	13	BY MR. BESSETTE:
14	movements added and averaged together, so	14	Q. Can you show me where in your
15	you're keeping that in mind as well as you do	15	report?
16	these analyses and attempt to determine what	16	A. If I remember the way this was
17	was causing these movements of these various	17	printed, we had some issues with the printing, and it
18	components in the study.	18	may not have appeared on the same place as it often
19	BY MR. BESSETTE:	19	does when we do this because there was so much data it
20	Q. What are the other necessary	20	overwhelmed the length of the page we had.
21	statistical tests or observations? We've listed two.	21	We didn't put the exhibit numbers on
22	MR. LEWIS: Objection to form.  THE WITNESS: Sometimes when it's	22	every page. Exhibit B.  On That's the long hig one 92 pages?
/ 1	TOTO WITTNESS! SOMETIMES WOED ITS	. / *	I I DOCE THE INDUTING AND 97 DAGES?

That's the long, big one, 92 pages?

That should be. Yeah, it's pretty

23

24

Q.

A.

25 long; right.

THE WITNESS: Sometimes when it's

appropriate, you would do the same -- observe

the same types of data for a period prior to

Page 74 Page 76 Trading volume appears, actually, on 1 foundation. 2 both segments. There are two parts to Exhibit B. 2 THE WITNESS: (No response.) 3 There's a part that has simply price and percent 3 MR. LEWIS: Do you understand the 4 change data along with Adams' volume for Adams' six 4 question? 5 other golf companies and what's called a peer group. 5 THE WITNESS: I think so. When we 6 which is a blended index of those companies. That has 6 first look at the information, we don't know 7 Adams' volume data on it and it's also contained in 7 what we're going to find until we look at it, 8 the second part of this exhibit which has Adams' 8 so it's sort of the other way around in a 9 volume price, percent price change, and then a listing 9 sense; that is, we tend to look at the of news items in the second part. 10 10 trading volume information as it develops 11 When we can, we try to put all this over time and then look to the right and see 11 on one page but we couldn't get there. 12 12 is there anything obvious that that was 13 Did you employ any tests to associated with in price change or news that 13 14 determine whether the volume data was statistically 14 we know about, then we sometimes go backwards 15 significant --15 when we get information and say, okay, here's MR. LEWIS: Objection to form, 16 16 some information that may have become known 17 BY MR. BESSETTE: 17 to market participants, was there any 18 -- as part of your event study? 18 noticeable change in the trading volume, so Q. 19 When we went through this data, 19 it's sort of iterative in that sense. A. yeah, we noted what normal or average trading volume 20 20 We start out with knowing nothing 21 was over a period of -- I think it was weeks at the 21 and seeing what you learn by looking at it, 22 beginning of the class period, and then used that as a 22 and then you start going back as you're 23 base to observe how trading volume occurred daily 23 filling in the news items and learn things 24 throughout the class period and thereafter. 24 and say, you know, what was the effect of 25 Q. Where do you indicate in Exhibit B, 25 this sort of thing. I'm not sure it's quite Page 75 Page 77 1 if anywhere, the normal trading volume and how you as clean as you're asking me. 2 characterize the deviations from normal; is that 2 BY MR. BESSETTE: 3 3 reflected here in Exhibit B anywhere? You agree that stock prices can move Q. 4 No, we were doing that just as we 4 because of general market conditions? went along reviewing the data and the news information 5 5 MR. LEWIS: Objection, vague and 6 after this was assembled. 6 overbroad. 7 Was this sort of a subjective 7 THE WITNESS: I think there are --8 analysis of how much deviation you or your team saw in 8 yeah, in general, I think that's true. The 9 what you considered - away from what you considered 9 stock prices can move because of factors that normal trading volume for Adams Golf? 10 10 affect companies similarly which would also MR. LEWIS: Objection to form. affect a particular company's expected future 11 11 THE WITNESS: No, I wouldn't call it 12 12 earnings. 13 subjective because we didn't have any -- I 13 BY MR. BESSETTE: 14 can't think of what the right word would be 14 A stock price can move because of -- any purpose or bias to the review; that 15 15 general industry conditions as well? is, I call it objective because we were 16 MR. LEWIS: Objection to form. 16 17 simply looking at the data to see what THE WITNESS: Same answer. 17 18 happened to it as we went through it 18 BY MR. BESSETTE: chronologically. 19 19 Do you agree that a stock price can BY MR. BESSETTE: 20 20 move because of company-specific conditions which are 21 Did trading volume -- deviating from 21 unrelated to, for example, in this case, the specific Q. 22 normal trading volume to any degree, how did that 22 allegations in this case, so in other words, do you impact your opinion that there was news about gray 23 23 agree that Adams Golf's stock price moved during the marketing on that day, on any given day? 24 class period because of company-specific information 24 25 MR. LEWIS: Objection to form and 25 that was unrelated to any of the allegations in the

	Page 82		Page 84
1	the availability to the market of information	1	stock price drops in trying to show causation or
2	connected with plaintiff's allegations, we	2	association with specific information; do you see any
3	didn't attempt to separate out whether each	3	validity in the criticism of using that?
4	day's movement related solely to one or the	4	MR. LEWIS: Objection to form,
5	other nor did we think we could based on the	5	overbroad, lack of foundation.
6	types of information dissemination that	6	THE WITNESS: Of using raw price
7	appeared to be occurring with respect to	7	data and percentage changes?
8	plaintiff's allegations and the information	8	BY MR. BESSETTE:
9		9	
10	that related to that. It appeared that the overall new sort of information that was	10	
			association or causation with specific information.
11	reaching the market during the class period	11	MR. LEWIS: Objection to form,
12	that would likely cause the observed market	12	foundation.
13	effect was related to plaintiff's	13	THE WITNESS: Trying to think as a
14	allegations.	14	general matter, if I can. I don't think so,
15	BY MR. BESSETTE:	15	at least not in the sense that we do, and I'm
16	Q. What statistical tests did you	16	trying to then extend this as to whether
17	perform in your event study, sir?	17	there's a more general case, that is, having
18	MR. LEWIS: Objection, asked and	18	the benefit of being able to observe data
19	answered, vague and ambiguous.	19	over flexible event windows or for multiple
20	THE WITNESS: Just the ones we've	20	days prior to, during, and after a study day,
21	talked about so far where we reviewed the	21	for example, and seeing the same data for
22	volume changes on an ongoing basis throughout	22	index and comparable company movements, being
23	the class period and thereafter, the price	23	able to consider the type of information, the
24	changes on an absolute and percentage basis	24	way it reaches the market, its degree of
25	in Adams' stock price, the changes in the	25	complexity, which is another topic, since you
<u> </u>	Page 83		Page 85
1		1	
1 2	various index and comparable company	1 2	jogged my thinking about this, that I would
2	various index and comparable company movements that we've talked about on an	2	jogged my thinking about this, that I would add to the morning's discussion about event
2 3	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day	2	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations;
2 3 4	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of	2 3 4	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be
2 3 4 5	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.	2 3 4 5	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction
2 3 4 5 6	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:	2 3 4 5 6	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's
2 3 4 5 6 7	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage	2 3 4 5 6 7	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report
2 3 4 5 6 7 8	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on	2 3 4 5 6 7 8	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.
2 3 4 5 6 7 8 9	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?	2 3 4 5 6 7 8 9	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using
2 3 4 5 6 7 8 9	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.	2 3 4 5 6 7 8 9 10	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis,
2 3 4 5 6 7 8 9 10	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right? A. Correct. Q. Are you aware of any case law that	2 3 4 5 6 7 8 9 10	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely
2 3 4 5 6 7 8 9 10 11 12	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right? A. Correct. Q. Are you aware of any case law that says one cannot properly show causation with just raw	2 3 4 5 6 7 8 9 10 11 12	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets
2 3 4 5 6 7 8 9 10 11 12 13	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any	2 3 4 5 6 7 8 9 10 11 12 13	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but
2 3 4 5 6 7 8 9 10 11 12 13	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?	2 3 4 5 6 7 8 9 10 11 12 13 14	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data,
2 3 4 5 6 7 8 9 10 11 12 13 14 15	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form,	2 3 4 5 6 7 8 9 10 11 12 13 14 15	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right? A. Correct. Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad. THE WITNESS: I'm not sure I	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right? A. Correct. Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE: Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right? A. Correct. Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that discuss that issue that I can recall to some	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.  BY MR. BESSETTE:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that discuss that issue that I can recall to some degree. I'm not sure that I've seen one that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.  BY MR. BESSETTE:  Q. Did market and/or industry factors
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that discuss that issue that I can recall to some degree. I'm not sure that I've seen one that takes that position on that firm a basis.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.  BY MR. BESSETTE:  Q. Did market and/or industry factors affect Adams Golf stock price during the class period?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that discuss that issue that I can recall to some degree. I'm not sure that I've seen one that takes that position on that firm a basis.  BY MR. BESSETTE:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.  BY MR. BESSETTE:  Q. Did market and/or industry factors affect Adams Golf stock price during the class period?  MR. LEWIS: Objection to form,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	various index and comparable company movements that we've talked about on an absolute and percentage basis, on each day going through the period and, in a couple of cases, on intraday data as well.  BY MR. BESSETTE:  Q. When you say absolute and percentage change, you're talking about the raw dollar draw on any given day translated into a percent, right?  A. Correct.  Q. Are you aware of any case law that says one cannot properly show causation with just raw dollar or raw percentage stock price draws on any given day?  MR. LEWIS: Objection to form, overbroad.  THE WITNESS: I'm not sure I don't think I've seen one that's that clear about that. I've seen a couple of cases that discuss that issue that I can recall to some degree. I'm not sure that I've seen one that takes that position on that firm a basis.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	jogged my thinking about this, that I would add to the morning's discussion about event studies in general and their limitations; that is, the complexity of information can be a significant factor in the speed of reaction to news. There's a good paper on that that's footnoted in my report or my rebuttal report that deals with that topic.  I don't see any problem with using that type of data for your analysis, especially if the comparison is a purely academic version of an event study that sets some sort of a threshold based on nothing but academic convention and based on fixed data, fixed event windows or fixed reaction times, not taking into consideration the types of information or the method of dissemination to market participants and those kinds of factors.  BY MR. BESSETTE:  Q. Did market and/or industry factors affect Adams Golf stock price during the class period?

	R. ALAI		
	Page 98		Page 100
1	material?	1	Let's leave that aside.
2	MR. LEWIS: Objection.	2	Your methodology for judging
3	THE WITNESS: Yeah, incorporating	3	materiality that we've described, again leaving aside
4	all of my past answers, I think you got that.	4	the tests, the back tests as you described them, is
5	BY MR. BESSETTE:	5	
6	Q. Is that methodology, as we've	6	that methodology supported in academic literature anywhere?
7	described it over the last two or three questions,	7	•
8	acceptable in the finance or economic fields, in your	8	MR. LEWIS: Objection to form and
9	opinion?		foundation and vagueness.
10	•	9	THE WITNESS: Yeah, I suppose it's
11	MR. LEWIS: Objection to form and foundation.	10	at least implicit, if not explicitly
12		11	discussed in your basic investment and
13	THE WITNESS: Sure, unless I'm	12	corporate finance text approaches to valuing
14	missing something in your question or not	13	securities in the sense that they describe
	connecting with it somehow. I don't know how	14	the value of a security as representative of
15	else you'd go about it; that is, you could,	15	the expected future earnings and cash flows
16	as I referred in one of my answers in this	16	to be derived from that security or the
17	line of questioning, in some cases attempt to	17	company involved, and, therefore, anything
18	perform a back test of some sort on stock	18	that would be important with respect to the
19	price movement, which I have seen people do,	19	generation of expected future cash flows and
20	and discuss as methodology for determining	20	earnings would be important to an investor
21	materiality of a particular piece of	21	relative to the value of that security, so I
22	information.	22	think that's just a basic kind of grounding
23	First off, that's not possible to do	23	point of all that literature.
24	in connection with an IPO and it ignores the	24	Whether in the context of a
25	entire practice of corporate finance in	25	discussion of the meaning of the word
			W
	Page 99		Page 101
1	<del>-</del>		-
	creating and valuing securities considering	1 2	materiality, either approach is really
1 2 3	creating and valuing securities considering what information is material, what needs to	2	materiality, either approach is really discussed in the academic literature, I don't
2	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing	2 3	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that.
2 3	creating and valuing securities considering what information is material, what needs to	2 3 4	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that
2 3 4	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what	2 3 4 5	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.
2 3 4 5	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.	2 3 4	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:
2 3 4 5 6	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those	2 3 4 5 6	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we
2 3 4 5 6 7	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.	2 3 4 5 6 7	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of
2 3 4 5 6 7 8	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases	2 3 4 5 6 7 8	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we
2 3 4 5 6 7 8 9 10	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying	2 3 4 5 6 7 8 9	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?
2 3 4 5 6 7 8 9 10 11 12	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we	2 3 4 5 6 7 8 9	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different
2 3 4 5 6 7 8 9 10 11 12 13	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time	2 3 4 5 6 7 8 9 10	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form,
2 3 4 5 6 7 8 9 10 11 12 13 14	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time BY MR. BESSETTE:	2 3 4 5 6 7 8 9 10 11 12	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time BY MR. BESSETTE:  Q. That's fine; I don't need criticism	2 3 4 5 6 7 8 9 10 11 12 13	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those	2 3 4 5 6 7 8 9 10 11 12 13 14	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time BY MR. BESSETTE: Q. That's fine; I don't need criticism of those MR. LEWIS: Please don't cut him	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time BY MR. BESSETTE: Q. That's fine; I don't need criticism of those MR. LEWIS: Please don't cut him	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my  MR. LEWIS: Let him finish and move	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and lack of foundation.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my  MR. LEWIS: Let him finish and move to strike. You don't know that.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and lack of foundation.  THE WITNESS: No, I think by
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my  MR. LEWIS: Let him finish and move	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and lack of foundation.  THE WITNESS: No, I think by definition, probably not, assuming two reasonable and reasonably experienced
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my  MR. LEWIS: Let him finish and move to strike. You don't know that.  BY MR. BESSETTE:  Q. I'm not asking for your criticisms	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and lack of foundation.  THE WITNESS: No, I think by definition, probably not, assuming two
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	creating and valuing securities considering what information is material, what needs to be considered in creating and pricing securities out of the gate and what information needs to be included for disclosure in those contexts.  Other problems that exist with those kinds of methodologies are in many cases similar to the problems that exist in the academic version of event studies that we discussed earlier today, including specifying all of the universe of information that's affecting prices at any point in time  BY MR. BESSETTE:  Q. That's fine; I don't need criticism of those  MR. LEWIS: Please don't cut him off.  MR. BESSETTE: This is not relevant to my  MR. LEWIS: Let him finish and move to strike. You don't know that.  BY MR. BESSETTE:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	materiality, either approach is really discussed in the academic literature, I don't know that I can sit here and tell you that. I can't recall offhand seeing articles that discuss it that way.  BY MR. BESSETTE:  Q. Using your methodology that we talked about for determining materiality of a piece of information, can different people reach different results?  MR. LEWIS: Objection to form, foundation.  BY MR. BESSETTE:  Q. Obviously, looking at the same set of information, so using your methodology, looking at the same information, can two different people reach different results?  MR. LEWIS: Vague, overbroad, and lack of foundation.  THE WITNESS: No, I think by definition, probably not, assuming two reasonable and reasonably experienced practitioners, I think probably not, and the

	Page 122		Page 124
1	type of disclosure of the issue of gray	1	BY MR. BESSETTE:
2	marketing.	2	Q or old information?
3	By the way, I would suggest that the	3	MR. LEWIS: Object to the form.
4	entire press release was new information, not	4	BY MR. BESSETTE:
5	just the portion of it you asked me about,	5	Q. The part I just read.
6	and it would be taken by the market in its	6	MR. LEWIS: Same objection.
7	entirety. That doesn't say that there	7	THE WITNESS: I think the
8	weren't some people who knew in the spring of	8	BY MR. BESSETTE:
9	'98, and I think it was April and May, that	9	Q. Let me withdraw it and make the
10	there was some level of gray marketing going	10	question a little more precise.
<b>1</b> 1	on.	11	The information about Tight Lies
12	I'm thinking of some of the	12	showing up in Costco, prompting a lawsuit, is that new
13	references in Mackenzie's work, and some of	13	information or old information?
14	the complaint letters, I think, referenced in	14	MR. LEWIS: Objection to form and
15	Mr. Grace's work, that there was some level	15	foundation.
16	of knowledge about some of it, but I think in	16	THE WITNESS: That's a good
17	terms of public information to the market,	17	question. It's technically old information
18	that this is the first such piece, but when I	18	by that point because they refer to
19	say "to the market" here, we have to remember	19	information that had occurred sometime
20	there was no public stock at that time, so	20	previously and had been discussed in the
21	even though it was released to the market and	21	press release sometime previously, but it's
22	to the public, there would have been no	22	the type of information in the form of
23	community of stockholders or analysts, for	23	distribution that would fit into the messier
24	example, to follow this at the time.	24	category we talked about earlier as opposed
25	BY MR. BESSETTE:	25	to the clean, simple major national
T			
	Page 123		Page 125
1		1	
1 2			impact-type release or earnings-type
1 2 3	Q. This press release was	1 2 3	impact-type release or earnings-type information for a large-cap company followed
	Q. This press release was contemporaneous with the IPO roadshow, was it not?	2	impact-type release or earnings-type
3	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form,	2 3	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the
3 4 5 6	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.	2 3 4 5 6	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about;
3 4 5	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:	2 3 4 5	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to
3 4 5 6	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked	2 3 4 5 6	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most
3 4 5 6 7	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro	2 3 4 5 6 7 8 9	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing
3 4 5 6 7 8	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at	2 3 4 5 6 7 8 9	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.
3 4 5 6 7 8 9 10	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?	2 3 4 5 6 7 8 9 10	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE:
3 4 5 6 7 8 9 10 11 12	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.	2 3 4 5 6 7 8 9 10 11	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE:  Q. You're just guessing when it reached
3 4 5 6 7 8 9 10 11 12 13	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states	2 3 4 5 6 7 8 9 10 11 12 13	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE:  Q. You're just guessing when it reached people, right?
3 4 5 6 7 8 9 10 11 12 13	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the	2 3 4 5 6 7 8 9 10 11 12 13 14	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE:  Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form.
3 4 5 6 7 8 9 10 11 12 13 14 15	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started	2 3 4 5 6 7 8 9 10 11 12 13 14 15	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding
3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or about August 1, 1998 publish date?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make sense that it would be out sometime in the
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or about August 1, 1998 publish date?  A. I haven't seen any reason to think	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make sense that it would be out sometime in the middle of July.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or about August 1, 1998 publish date?  A. I haven't seen any reason to think so.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make sense that it would be out sometime in the middle of July.  BY MR. BESSETTE:
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or about August 1, 1998 publish date?  A. I haven't seen any reason to think so.  Q. Is this information in this report	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make sense that it would be out sometime in the middle of July.  BY MR. BESSETTE: Q. What work has been done?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. This press release was contemporaneous with the IPO roadshow, was it not?  MR. LEWIS: Objection to form, foundation.  THE WITNESS: Yeah, I believe that's right.  BY MR. BESSETTE:  Q. Let me show you what's been marked as Exhibit-233 (indicating). This is the Golf Pro article that you reference in your report at Paragraph 13A?  A. Right.  Q. On Page 3 of the article, it states that the company joined the ignominious ranks of the big boys in another way this year; Tight Lies started showing up in Costco, prompting a lawsuit from Adams with two different aims. Do you see that?  A. Yes.  Q. Was this information released on or about August 1, 1998 publish date?  A. I haven't seen any reason to think so.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	impact-type release or earnings-type information for a large-cap company followed widely by Wall Street or whatever the examples were that we were talking about; that is, you've got this article appearing to the trade, as my understanding goes, in, most likely, mid July, as best I can tell, and that's not I don't think there's any certainty as to the dates when this thing actually reached people.  BY MR. BESSETTE: Q. You're just guessing when it reached people, right?  MR. LEWIS: Objection to form. THE WITNESS: No. My understanding is there has been work done on that issue that the best information is that it was most likely the middle of July, and if you analyze the text of the article, it appears to make sense that it would be out sometime in the middle of July.  BY MR. BESSETTE:

#### Page 128 Page 126 of the magazine, who indicated a likely distribution that it's likely it came out in mid July. 2 date of mid month before the cover date. 2 This may take a while because I did 3 Who is that person? 3 this a while ago, but I'll go through it and see if I 4 I don't know. A. 4 can find it. 5 Who made the contact? 5 O. Q. Let's do it on the lunch break. 6 A. Counsel 6 A. That's fine with me. 7 Q. Which one? 7 The information about Tight Lies Q. 8 I'm sorry, I don't know which one of A. 8 showing up in Costco, prompting a lawsuit, I think you plaintiff's counsel. 9 9 said that was old information but also -- you started 10 Which one told you? Q. 10 to go through some explanation about how it was messy I think it was Mr. Collins. 11 Α. 11 as well. I'm not sure I understand. Is that 12 There had been other contact that it 12 information, whether it came out in July or on the 13 might have been the middle of August with another 13 publish date, is that old or new information? person with some role, I believe, at Fairchild 14 14 MR. LEWIS: Objection to form. Publications, not positive of that but I think that's 15 15 THE WITNESS: I think what I said right, but the weight of that information seemed to go 16 16 about that is that although it's technically to the middle of July and our general experience about 17 17 old information in the sense that it refers magazine release dates, and I think most people's, is 18 18 to information that it occurred previously, that they come out before the cover date, not after. 19 19 that is, the lawsuit and the fact of the 20 Do you have any actual evidence that 20 clubs showing up in Costco, but that it's not it came out in the middle of July? 21 21 of the clean, simple national impact type of MR. LEWIS: Objection to the form. information we had discussed earlier when you 22 22 23 BY MR. BESSETTE: 23 asked me a general question about this sort That's a yes or no. Do you have any 24 Q. 24 of thing, which came out on Monday, repeated evidence that it came out in the middle of July? 25 25 on Wednesday, would likely not have an effect Page 127 Page 129 MR. LEWIS: Same objection. 1 on Wednesday. 1 THE WITNESS: I'm not sure what you 2 2 This is in the category, to me, of 3 mean by evidence because in my view if you 3 messier information, that is, in a trade 4 analyze the text, it looks to be likely that 4 publication, to my understanding distributed it came out earlier than later, that is, in 5 5 primarily to the trade, and following an 6 July as opposed to in August, and we looked 6 earlier disclosure of the information in the 7 at the text pretty closely for that and we 7 form of a press release into a market in 8 looked at the text of an article that 8 which there was no publicly traded stock for 9 appeared in the September issue of Golf Pro, 9 market participants to follow. 10 and it appeared as though that most likely 10 BY MR. BESSETTE: was written to come out in August. 11 Do you think that information as 11 12 Having said all that, I am certainly 12 conveyed in this article is material? 13 not certain of that distribution date. 13 MR. LEWIS: Objection to form, 14 BY MR. BESSETTE: 14 foundation. 15 What text are you referring to? Q. 15 THE WITNESS: Yes. I'd have to try to go through this 16 A. 16 BY MR. BESSETTE: and pick it all out, but if there's some reference in 17 17 How do you determine that? Q. here that indicates it was written before the IPO, 18 18 I think that taking the paragraph A. which occurred around the beginning of January. 19 19 you focused on, the use of the words join the 20 MR. LEWIS: You said January. ignominious ranks of the big boys would suggest that 20 21 THE WITNESS: July, I'm sorry. for a small growth company to join the ranks of the 21 Thanks. 22 22 big boys would be an important event. The ignominious 23 BY MR. BESSETTE: 23 suggests potentially important just by the use of the I'd like to at least see what text 24 24 word. The fact that Tight Lies started showing up in 25 you're talking about that leads you to the conclusion 25 Costco, I think would be important for the reasons we

2

3

4

5

6

7

8

9

10 11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16 17

18 19

20

21

22

23

24

25

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22 23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 130

when and whether --

BY MR. BESSETTE:

Did you make a determination as part of your work that that information was material to investors?

Yes, we made a determination that A. after reading the entire contents of this article, that that information would be of the type that would be important to reasonable investors.

Page 132

How did you test -- strike that. What test did you employ to determine that this piece of information in this article was material to investors in your opinion?

MR. LEWIS: Objection to form and foundation.

THE WITNESS: I'm trying to recall whether I had already made that determination when I read this article. I think that's likely. If I go back to how I came across this and how I did that, I believe that this was not the first piece of information I read in this case, and by the time I got to this, I had already determined that the issue of gray marketing itself was an important one and likely to be material to investors.

discussed earlier. Prompting the lawsuit, in an article, typically implies importance because I think most market participants suspect that most lawsuits are not filed over unimportant matters. The next sentences, I think,

emphasize that it's important to Adams because they're trying to find out how Costco is getting the club, so why are they going to that effort if it's not important to them, and then the second aim is to prove to traditional retailers that Adams will not sit around and take it, even if it's an 800-pound gorilla that's dishing it out, would imply that it's important enough to fight an 800-pound gorilla to get the information and show the traditional retailers, as Adams says here, that they're making the effort. I think all the language in there suggests an item that's important to the company.

O. Is that how you test materiality; you look at something like that and apply your experience and look at it and say it looks like to me it's important to the company by the language they use, so it must be important and therefore it must be material?

> MR. LEWIS: Objection to the form; misstates his testimony. Asked and answered.

> > Page 131

## BY MR. BESSETTE:

Is that how you test materiality? Q.

No, I test materiality the way we've discussed at some length this morning, beginning with the context of the expected effect on future earnings and cash flows or the risks to future earnings and cash flows and the likely impact on the security value as a result, so I don't think there's any question that the investment community believes that the most important source of information about a company's likely future earnings and cash flows is the company itself, and the most knowledgeable people about that are typically the company's management, so that any information that they believe to be important in that context are as likely to be important to the investment community for that reason and I think that underlies why this sort of information would be viewed as important by the investment community because it would be in that context.

How did you determine whether that piece of information was material, if you did? MR. LEWIS: Objection to form: objection to foundation, vague and ambiguous. You just asked him to make that determination now and he did. You're not making it clear

Page 133

Reading this and given the chronology of what information had been made available to the investment community so far in time prior to this, I didn't see any reason to change that opinion with respect to the gray marketing issue, and as to this specific information, I think I've told you why it would be important in the last couple questions and answers we went through.

## BY MR. BESSETTE:

- Since you don't know exactly when it came into the marketplace, this information, did you perform any tests of the stock price to determine whether stock price movements were related to this piece of information?
- You really can't if you don't know when it hit the market. You can observe the market data as we've discussed over periods of time when you think it may have reached market participants to see what you think about that, but as I said, you can't -we can't or I couldn't establish with any certainty what the release date would have been. I certainly can't constrain an event window very well based on that because it appears as though, from what I can find out, that it was a trade-type publication that

Page 136 Page 134 very likely arrived at different people's places of that Golf Pro? 1 2 business at different times, that is, over a period of 2 A. Yeah. 3 at least several days, if not a couple of weeks. 3 Why are you dating the Golf Pro Q. Once it arrives there and is picked 4 article August 1? 4 5 up and read by different people, if it sits around 5 Because the convention that we Α. golf pro shops, for example, its impact on the readers sometimes follow, although we're trying to fix this as 6 6 7 may well spread further than the length of time it 7 we go along wherever we can, is to put magazines with cover dates of a month on the first day of the month takes for it to get to the various participants, so 8 8 Q in which the cover date is. What we've begun doing 9 even if you knew what date it started to be mailed on, you'd have to take an event window approach to this 10 when we think to do it is to put an undated category 10 for the month at the beginning of the month to show that is much more than a day or two and try to 11 11 12 determine what effect that might have. 12 stuff that doesn't have a known publication date on It also appeared to coincide with 13 it, but we didn't do that here. It's a tough thing to 13 the known dates of Costco purchase orders and sales at 14 14 do when you're putting it in this kind of a display Costco from other data that we looked at, all of which because you don't want to imply something from putting 15 15 tended to center around the middle of July, so we it there that you can't, but it ended up there for 16 16 looked at it in that context but, no, we could not 17 that reason. 17 identify specific dates to measure, and any 18 The first trading day after August 1 18 Q. 19 measurement without knowledge of the specific dates is 19 is August 3, which is the last day you show on Page 61 20 meaningless. 20 of Exhibit B? 21 The information in the Golf Pro 21 O. A. Right. article is old information but material information 22 22 That volume of 251,400, is that Q. 23 that you believe affected Adams Golf stock price? 23 above or below the normal volume you say you MR. LEWIS: Objection to form, 24 calculated for Adams Golf during the class period? 24 25 MR. LEWIS: Objection to form. 25 foundation; mischaracterizes his testimony. Page 135 Page 137 BY MR. BESSETTE: THE WITNESS: As I sit here, I don't 1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2

3

4

5

6

7

8

9

10

11

12

13

14

17

21

22

Do I have that right? Q.

No, I can't say the end of that A. sentence with any certainty; I can't say I believe it affected the price on certain days in certain amounts or anything like that. It appears likely that it was a piece of information in the marketplace of interested golf people, probably about the middle of July, consistent with the time frame of Costco purchase orders and Costco sales. I'd refer you back to the last couple answers on this. That's all I can say.

A couple more questions, then we'll Q. take a lunch break.

15 Turn to your rebuttal report, Exhibit-335, the Exhibit B that we looked at. 16

A. Right.

If you go to Page 61 of 92, that 18 19 date is August 3, 1998, the date I want you to look at, at the bottom. 20

> A, Okay.

Q. Actually, go to August 1.

23 A.

Go across to the news item, second 24 O.

25 one down, GP, Barney Adams -- Barney's Army. GP, is

remember exactly. I think it's slightly above but I don't recall exactly.

BY MR. BESSETTE:

As part of your work in looking at the volume, did you have a normal volume that you calculated and then looked at deviations from that on any given day?

MR. LEWIS: Object to the form.

THE WITNESS: Yeah, we did. We have sort of a normal volume and we looked at each day's data with that normal volume in mind, so yeah.

We also, just for completeness because it may come up at some other point, we do something that looks more quantitative than that in our market simulation methodology for aggregation of damages. I'm not referring to that and I don't think you were referring to that, so if that comes up later, it's not part of this discussion.

BY MR. BESSETTE:

23 Would you, at the lunch break, find any reference that you can or tell me, check your 24 25 office, but what is the normal volume that you

23

24

25

time to do so.

A.

Q.

No, in the way we've been

discussing, I have not offered that so far.

Thank you.

opinion about that and I said I do, but

what counsel decides to pursue.

BY MR. GLUCKOW:

whether or not I offer that is a matter of

22

23

24

25